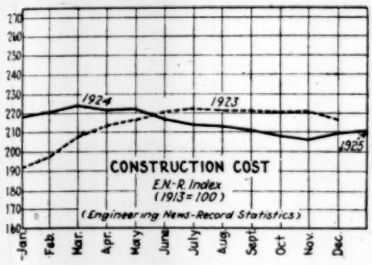
CONSTRUCTION NEWS

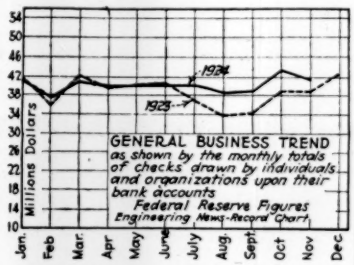
Engineering News-Record, January 8, 1925

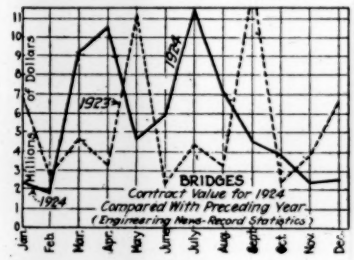
The Construction Barometer

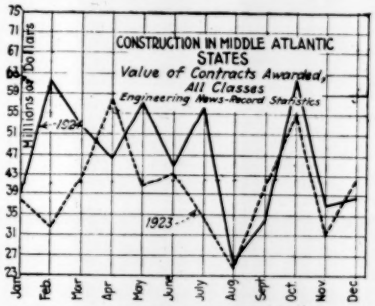
Public Building Most Active in Eleven Northeastern States, Streets and Roads, in Middle West and Industrial Work, in South

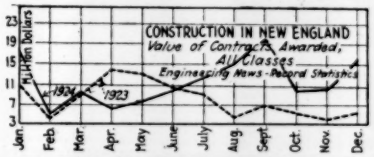
THE gain in money value of lettings for large public buildings has been apparent since the week of Dec. 18. There is no increase in the number of contracts let, neither is there loss, from week to week. Construction is most active in the eleven Northeastern states, the Middle West and the Far West. In the first mentioned section, commercial buildings predominate; in the Middle West, street and road work is most active. The South is keeping up its recent gains in industrial building. All this demand naturally results in increasing cost of construction. Business, generally, is moving in greater volume than a month ago. December returns on bank debits, it is estimated, will show a seasonal increase in the turnover of money.

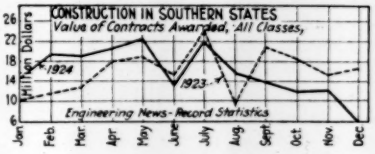


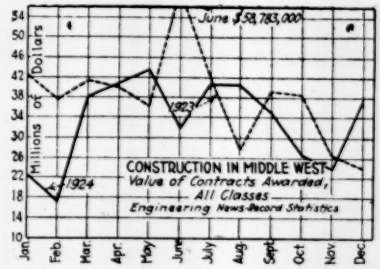

GENERAL BUSINESS TREND
as shown by the monthly totals of checks drawn by individuals and organizations upon their bank accounts
Federal Reserve Figures
Engineering News-Record Chart
Millions of Dollars
1924
1923

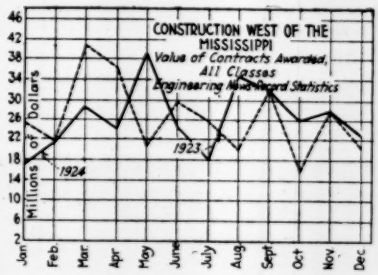


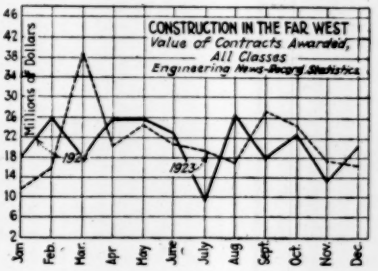












PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Jan. 12	Minneapolis, Minn.	Jan. 8
Jan. 13	St. Louis, Mo	Dec. 18
Jan. 13	Bunkie, La.	Jan. 1
Jan. 13	Phila., Pa.	Jan. 8
Jan. 14	Milwaukee, Wis.	Jan. 8
Jan. 15	Cottonport, La.	Jan. 8
Jan. 16	New Orleans, La.	Jan. 8
Jan. 17	Otisville, N. Y. Adv. Jan. 8.	Jan. 8
Jan. 19	Foulkton, S. D.	Jan. 1
Jan. 21	Port Angeles, Wash.	Jan. 1
Jan. 24	Jackson, Mich. Adv. Jan. 1 and 8.	Jan. 1
Jan. 26	New Orleans, La.	Dec. 11

SEWERS

Bids Close		See Eng. News-Record
Jan. 12	Pontiac, Mich.	Dec. 18
Jan. 12	Long Island City, N. Y.	Jan. 8
Jan. 14	New York, N. Y.	Jan. 8
Jan. 14	Brooklyn, N. Y.	Jan. 8
Jan. 14	Baltimore, Md.	Jan. 8
Jan. 21	Amite City, La.	Jan. 1

WASTE DISPOSAL

Jan. 20	Los Angeles, Calif.	Jan. 1

BRIDGES

Jan. 20	New York, N. Y.	Jan. 1
Jan. 23	Tennessee	Jan. 8
Jan. 27	Forest City, S. D.	Jan. 1
Feb. 3	Louisiana	Jan. 1
Feb. 10	Brownsville, Tex.	Jan. 8
Feb. 17	Tampa, Fla. Adv. Jan. 8.	Jan. 8

EXCAVATION, DRAINAGE IRRIGATION, LEVEES

Bids Close		See Eng. News-Record
Jan. 14	Merced, Calif.	Jan. 8
Jan. 15	Clearwater, Fla.	Jan. 8
Jan. 17	La Crosse, Wis.	Jan. 8
Jan. 19	Minnesota	Jan. 8
Jan. 26	St. Petersburg, Fla.	Dec. 18

STREETS AND ROADS

Jan. 9	Saluda, S. C.	Jan. 8
Jan. 13	Louisiana	Jan. 8
Jan. 13	St. Louis, Mo.	Dec. 18
Jan. 13	Louisiana	Dec. 18
Jan. 13	Louisiana	Dec. 25
Jan. 13	Montgomery, Ala.	Jan. 1
Jan. 13	Sulphur Springs, Tex.	Jan. 8
Jan. 14	New York, N. Y.	Jan. 8
Jan. 14	Brooklyn, N. Y.	Jan. 8
Jan. 15	Clearwater, Fla.	Jan. 8
Jan. 15	Urbana, Ill.	Jan. 8
Jan. 15	Checotah, Okla.	Jan. 8

Bids Close		See Eng. News-Record
Jan. 15	Independence, Kan.	Dec. 11
Jan. 15	Virginia	Jan. 1
Jan. 15	Winnsboro, S. C.	Jan. 8
Jan. 17	Kaufman, Tex.	Jan. 8
Jan. 20	Louisiana	Jan. 1
Jan. 20	Aiken, S. C.	Jan. 8
Jan. 21	Larned, Kan.	Dec. 18
Jan. 21	Ft. Smith, Ark.	Jan. 8
Jan. 22	Van Buren, Ark.	Jan. 8
Jan. 23	Pennsylvania Adv. Jan. 8.	Jan. 8
Jan. 24	Pennsylvania Adv. Jan. 8.	Jan. 8
Jan. 27	St. Louis, Mo.	Jan. 8
Jan. 27	South Carolina Adv. Jan. 8.	Jan. 8
Jan. 27	Louisiana	Jan. 8
Jan. 28	Gretna, La.	Dec. 25
Jan. 29	Quincy, Ill. Adv. Jan. 8.	Jan. 8
Jan. 29	Vero, Fla. Adv. Jan. 8.	Jan. 8
Jan. 30	Anniston, Ala.	Jan. 8

BUILDINGS—INDUSTRIAL

Jan. 9	Toledo, O.	Jan. 8
Jan. 21	Baltimore, Md.	Jan. 8
Jan. 28	Winona, Minn.	Jan. 8

BUILDINGS—COMMERCIAL

Jan. 9	Medford, Mass.	Jan. 8
Jan. 10	Atlantic City, N. J.	Jan. 1
Jan. 12	Milwaukee, Wis.	Dec. 25
Jan. 12	Phila., Pa.	Jan. 8
Jan. 12	Detroit, Mich.	Jan. 8
Jan. 12	Mt. Vernon, N. Y.	Jan. 8
Jan. 14	Cairo, Ill.	Dec. 25
Jan. 15	Portland, Ore.	Jan. 1
Jan. 19	West Roxbury (Boston P. O.), Mass.	Jan. 8
Jan. 19	Gettysburg, Pa.	Jan. 8
Jan. 20	Halfway, Mich.	Jan. 8
Jan. 21	Brooklyn, N. Y.	Jan. 8
Jan. 22	Van Buren, Tex.	Jan. 8
Jan. 25	Birmingham, Ala.	Nov. 20
Jan. 27	New York, N. Y.	Jan. 8

FEDERAL GOVERNMENT WORK

Jan. 9	Remodeling—Burlington, Vt.	Dec. 18
Jan. 12	Lock—Golconda, Ill. Adv. Jan. 8.	Dec. 4
Jan. 13	Remodeling—Galesburg, Ill.	Dec. 25
Jan. 14	Barges—Pittsburgh, Pa. Adv. Dec. 18 to Jan. 8.	Dec. 18
Jan. 14	Dredging—New York, N. Y.	Jan. 8
Jan. 14	Alterations—Norfolk, Va.	Jan. 8
Jan. 14	Dredging—New York, N. Y.	Jan. 8
Jan. 15	Pipe Line—Wash., D. C. Adv. Dec. 18 to Jan. 8.	Dec. 18
Jan. 15	Barge—Portland, Ore.	Jan. 1
Jan. 15	Radio Station—Galveston, Tex.	Jan. 1
Jan. 16	Post Office—Geneseo, Ill. Adv. Jan. 1 and 8.	Jan. 1
Jan. 20	Counterweights — Florence, Ala. Adv. Jan. 8.	Jan. 8
Jan. 21	Boiler Plant—Puget Sound, Wash.	Jan. 1
Jan. 21	Capstans — Portsmouth, N. H.	Jan. 8
Jan. 22	Dam—American Falls, Idaho	Dec. 18
Jan. 22	Barracks—Fort Benning, Ga. Adv. Jan. 1 and 8.	Jan. 1
Jan. 26	Post Office — Gloucester, Mass.	Jan. 8
Jan. 27	Drainage—Vicksburg, Miss. Adv. Jan. 1 and 8.	Jan. 1
Jan. 30	Post Office—Fulton, N. Y. Adv. Jan. 8.	Jan. 8
Jan. 31	Lock Gates—Florence, Ala. Adv. Dec. 25 to Jan. 8.	Jan. 1
Jan. 31	Jetty Repairs—Galveston, Tex. Adv. Jan. 8.	Jan. 8
Feb. 4	Repairs — Puget Sound, Wash.	Dec. 18
Feb. 4	Pier—Bremerton, Wash.	Dec. 25
Feb. 11	Well Houses — Annapolis, Md.	Jan. 8

UNCLASSIFIED

Jan. 9	Borings, etc.—New York, N. Y.	Jan. 1
Jan. 9	Subway—Long Island City, N. Y.	Jan. 1
Jan. 13	Stadium—Macon, Ga.	Jan. 8
Jan. 15	Roofing—New Orleans, La.	Jan. 1
Jan. 15	Pavilion—Nashville, Tenn.	Jan. 1
Jan. 15	Station Finish—Long Island City, N. Y.	Jan. 8
Jan. 21	Heating System — Buffalo, N. Y. Adv. Jan. 1 and 8.	Jan. 1
Jan. 22	Fire Protection — Rome, N. Y. Adv. Jan. 1 and 8.	Jan. 1
Jan. 22	Cooling System—Raybrook, N. Y. Adv. Jan. 1 and 8.	Jan. 1
Jan. 26	Bulkhead, etc.—St. Petersburg, Fla.	Dec. 18
Jan. 26	Subway—New York, N. Y. Adv. Jan. 8.	Jan. 1
Jan. 27	Grade Separation—Springwells, Mich. Adv. Jan. 8.	Jan. 8
Jan. 29	Subway—New York, N. Y. Adv. Jan. 8.	Jan. 1

MATERIAL AND EQUIPMENT

Jan. 12	Pipe—Point Grey, B. C.	Jan. 8
Jan. 12	Coal Loader—Two Harbors, Minn.	Jan. 8
Jan. 14	Stone Crushing Plant—Hollidaysburg, Pa.	Jan. 8
Jan. 14	Pipe, etc.—New York, N. Y.	Jan. 8
Jan. 14	Asphalt Sand, etc. — Brooklyn, N. Y.	Jan. 8
Jan. 15	Rock Crusher—Durham, N. C. Adv. Dec. 25 to Jan. 8.	Jan. 1
Jan. 16	Generator—Stillwater, Okla.	Jan. 8
Jan. 16	Street Signs—Durham, N. C. Adv. Jan. 1 and 8.	Jan. 1
Jan. 19	Transformers and Spares—Melbourne, Victoria, Australia	Nov. 20
Jan. 19	Voltage Regulating Apparatus —Melbourne, Victoria, Australia	Dec. 4
Jan. 20	Road Roller, etc.—Toronto, Ont.	Nov. 27

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Mass., Boston — Edison Electric Illuminating Co., Boylston St., plans laying and maintaining submarine conduit cables in Mystic River at and near Chelsea Bridge South. W. F. Williams, Dept. Pub. Wks., div. waterway, comr.

N. Y., Albany — Appropriated $200,000 for surveys, etc., for selection of water supply system, reservoirs, pipe lines, etc. Total cost $6,000,000. N. S. Hill, Jr., 112 East 19th St., New York City, engr.

N. J., Hammonton—Plans extending 6 and 8 in. mains in Main, Packard and Peach Sts. $30,000. J. Baker, town engr.

N. J., Rutherford—Boro. Council plans septic tank. $100,000. Engineer not selected.

N. J., Sea Girt—Plans additional water tanks for storage of artesian water. $12,000 Engineer not selected.

Va., Herndon—Herndon Water Co. plans new waterworks. C. M. Lawrence, pres.

N. C., Durham—See "Streets and Roads."

Ga., Griffin—See "Buildings—Industrial under Contracts Awarded."

Ala., Cotter — Plans new waterworks. $30,000. H. Kirkendall, mayor. Engineer not selected.

La., Mansura—Voted $50,000 bonds for waterworks and electric light plant.

Tenn., Knoxville—Making preliminary plans and surveys of Holston and Tennessee Rivers for location new intakes, filtration plant and pumping station. $2,500,000. F. A. Albert, supt. Waterworks. Noted Jan. 1.

Ill., Edwardsville—See "Railways under Illinois."

Wis., Cambria — City, c/o H. C. Davies, city clk., making plans and estimates water and sewerage systems throughout city. $25,000. W. G. Kirchoffer, Dean Bldg., Madison, engr.

Wis., Chippewa Falls—L. J. Felix, city clerk, soon takes bids 400 water meters.

Wis., West Bend — Plans new pumping equipment in Hickory St. station. To exceed $15,000. Engineer not selected.

Ia., Diagonal—Making plans new waterworks. $34,000. W. B. Rollins & Co., 521 Railway Exch. Bldg., Kansas City, Mo., engrs. Noted Nov. 27.

Ia., Plover—Authorized $12,000 bonds for waterworks system. Total $15,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, engrs. Noted Nov. 6.

Mo., Buffalo—Election Jan. 15, $45,000 bonds, waterworks and distribution system, etc. Russell & Axon, Springfield, engrs.

Mo., Mansfield—Making preliminary plans waterworks and distribution system. $35,000. Engineer not announced.

Tex., Celina — Making plans complete waterworks. $40,000 bonds voted. Elrod Eng. Co., 3124 Main St., Dallas, engrs. Noted Sept. 25.

Tex., Corpus Christi—Making plans improving water purification plant. $100,000. L. B. Griffith, city engr.

Tex., Lamesa—Election Jan. 20, $150,000 bonds, waterworks and sewer improvements, etc. Hawley & Roberts, 403 Cotton Exch. Bldg., Ft. Worth, consult. engr.

Okla., Braman—Soon takes bids waterworks, distribution system and electric transmission line from Blackwell, etc. $40,000. H. E. Musson & Son, Grain Exch. Bldg., Oklahoma City, engrs.

Okla., Claremore — Making preliminary plans enlarging waterworks, filtration plant and pumping equipment. $100,000. Engineer not selected.

Okla., Holdenville — Making preliminary plans new storage reservoir, mains, valves and hydrants. $135,000. C. H. Edge, Holdenville, engr.

Okla., Lawton—Making plans waterworks improvements, incl., reservoir at Lake Latonka. H. G. Olmsted & Co., Oklahoma Bldg., Oklahoma City, engrs.

Okla., McAlester—Voted $85,000 bonds, water main extensions, 36,800 ft. 6- to 10-in. c.i. pipe, small brick buildings and new fire truck with pumper. F. Frasier, McAlester, engr.

Okla., Tonkawa — Plans dam across Chickaskia River, and filtration plant. To exceed $25,000. Ruckel Eng. Co., Interurban Bldg., Hutchinson, engrs.

Ore., Portland—Making plans waterworks for Multnomah Water Dist., incl. steam driven pumps and large reservoir. $100,000. Barr & Cunningham, Spalding Bldg., engrs.

Calif., Manteca—Plans water system. To exceed $25,000. Engineer not selected.

Calif., Redwood City—City plans to purchase, 1,700 lin.ft. 4 and 6 in. bell and spigot, c.i. pipe, etc. C. L. Dimmitt, city engr.

Ont., Birch Cliff—Scarboro Twp. soon takes bids 3½ mi. 6 in. c.i. mains in Waterworks Area 4. $40,000. C. E. Fraser, 1351 Kingston Rd., Toronto, engr.

Ont., Highgate — Plans steel tank and tower with mains for water and fire protection. $35,000. F. Littlejohns, clk.

Ont., North Bay—Plans replacing present water lines with heavier mains, incl. 12,000 ft. 8, 12 and 20 in. c.i. pipe. $69,974. F. G. Mackie, town engr.

Ont., Toronto—Voted $14,000,000 bonds, new waterworks system in eastern section of city. Noted Nov. 27.

BIDS DESIRED

N. Y., Otisville — Jan. 17, by Municipal Bd. Water & Fire, constructing water supply system. C. A. Gridley, 185 Gidney Ave., Newburgh, civil engr.; adv. E. N.-R. Jan. 8.

Pa., Phila.—Jan. 13, by Dept. Pub. Wks., Bureau Water, 125 tons straight 16 in. c.i. pipe and 5 tons 16 in. c.i. specials, etc., Contr. 724; 3,400 tons 6, 8 and 12 in. c.i. pipe, 320 tons c.i. specials, etc., Contr. 732; also 50,000 lb. pig lead, Contr. 733. G. W. Biles, dir.

La., Cottonport—Jan. 15, by Mayor and Bd. Aldermen, equipment, material, machinery, etc. for waterworks, improvements. $30,000.

La., New Orleans—Jan. 16, by Sewerage & Water Bd. at office A. G. Moffat, secy., 526 Carondelet St., one 400 g.p.m. and one 200 g.p.m. boiler feed water pumps, one 2,800 g.p.m. centrifugal pump, etc. G. G. Earl, genl. supt. Noted Dec. 18.

Wis., Milwaukee—Jan. 14, at office Central Bd. Purchases, D. W. Hoan, chn., ten 4 in., three hundred fifty 6 in. one hundred fifty 8 in. and twenty-five 12 in. gate valves, fifty 2 in., twenty-five 3 in., twenty-five 4 in. and fifty 6 in. tapping valves, f.o.b. cars Milwaukee, to Water Dept.

Minn., Minneapolis — Jan. 12, by F. S. Gram, city purch. agt., one 10 ton electric crane for Water Dept. N. W. Elsberg, city engr.

BIDS RECEIVED

Mass., Boston—Supply Dept., **(a)** 1,300 tons 48 in. Class B c.i. pipe and **(b)** 160 tons special castings to Pub. Wks. Dept., Water Serv., from Warren Fdry. Co., 201 Devonshire St., Boston, **(a)** $54.40 per ton, **(b)** $149.48 per ton. Noted Dec. 18.

Waterworks (Continued)

N. Y., Brooklyn — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Brighton Beach, Mermaid, Neptune, Stillwell, Surf, and Ocean Parkway, etc., here, from N. DeStefano, 257 Glenn Ave., Tompkinsville, $289,000; mains in Bedford, Hamilton, Highlawn, New Utrecht, Stillwell, and 12th Aves., etc., Haring, 65th, 70th, 91st, East 34th and 94th Sts., here, from Knight & DeMicco, Inc., 448 East Tremont Ave., New York City, $14,190. Noted Dec. 25.

N. Y., Long Island City—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, Dec. 30, mains in Bradley and 4th Aves., etc., from F. Hanratty, 605 Beach Terrace, New York City, $6,899. Noted Dec. 25.

Kan., Belpre—City, waterworks and distribution system, from Burt & Tripp, Hutchinson, Kan., $32,000. Engrs. est. $34,000. Noted Nov. 6.

CONTRACTS AWARDED

Mass., Boston—Supply Dept., 2,300 tons c.i. water pipe to Pub. Wks. Dept. Water Div., to Warren Fdry. Pipe Co., Phillipsburg, N. J., $144,055. Noted Dec. 25.

N. Y., Long Island City — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, to S. Gallucci, Railroad Ave., Corona, mains in Mt. Olivet and Otis Aves., etc., $6,910, Hylatt, Lewis and Prospect Aves., etc., $18,000; to F. Hanratty, 605 Beach Terrace, New York, $14,940. Noted Jan. 1.

N. Y., New York — N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., mains in Barnes, Barker Aves., etc., to Knight & DeMicco, Inc., 448 East Tremont Ave., $15,860. Noted Jan. 1.

La., Shreveport—Rebuilding and extending filter plant, foot of McNeil St., to Kaucher-Hodges & Co., Shrine Bldg., Memphis, Tenn., $115,000.

Tenn., Jackson—Steel stand pipe, 35 ft. high, and 48 ft. diam., for water plant, to Pittsburg-Des Moines Steel Co., Praetorian Bldg., Dallas, Tex. Engrs. est. $25,000.

O., Cincinnati—Hamilton Co., 46,900 ft. 6 and 8 in. c.i. mains, etc., in Water Supply Line 6, Dist. 2, North College Hill-Steel's Subivd., and 21,590 ft. 6 and 8 in. c.i. mains in Water Supply Line 3, Dist. 1, Maderia, to Crumley, Jones & Crumley Co., 2301 Concord St., $91,008 and $41,600 respectively. Engrs. est. $110,517 and $50,392 respectively. Noted Dec. 11.

Mo., Elsberry—See "Excavation, Drainage, Irrigation, Levees."

Tex., Crawford — City will build c.i. mains in various streets, etc., by day labor; tank on tower, to Chicago Bridge & Iron Co., Praetorian Bldg., Dallas; pipe, to Amer. Cast Iron Pipe Co., Praetorian Bldg., Dallas. Engrs. est. $50,000.

Ont., Ford City—Essex Border Utilities Comn., Heintzman Bldg., filtration plant incl. alum feed machines, to Canadian International Filter Co., Confederation Life Bldg., Toronto, $2,050; switchboard equipment, and flow meters to Canadian General Electric Co., 212 King St. W., Toronto, $11,271 and $3,260 respectviely; traveling cranes, to Francis Hankin Co., 386 King St. W., Toronto, $1,548; Venturi meters, to Allen General Supplies Ltd., 205 Yonge St., Toronto, $5,398.

Sewers

PROPOSED WORK

N. J., Trenton—Bd. Freeholders Mercer Co., making plans sewers in Kuser Rd. and Olden and Liberty Sts., near here. $25,000. H. F. Harris, Court House, engr.

N. J., Trenton—City Comn. rejected bids constructing sewage disposal plant. G. A. Johnson and G. A. Watson, 150 Nassau St., New York City, engrs. Will readvertise. Noted Dec. 4.

N. C., Durham — See "Streets and Roads."

O., Akron—Plans to sell $3,000,000 bonds Jan. 26, for sewage treatment plant and equipment. J. E. Root, 300 Delaware Bldg., engr.

Mich., Grand Rapids—Made plans Coldbrook Creek Dist. Relief Sewers in Grand Ave. and Lyon St., 760 ft. 42 in. vitr. pipe 8 ft. deep, 660 ft. 30 in. 7 ft. deep, 970 ft. 24 in. 6-8 ft. deep, 870 ft. 18 in. 7 ft. deep, 200 ft. 15 in. 5-6 ft. deep. C. A. Page, city engr.

Ill., Decatur—Takes bids about Feb. 1, Riverside intercepting sewer, etc. $500,000. Pearse, Greeley & Hanson, 6 North Michigan Ave., Chicago, engrs.

Ill., Edwardsville—See "Railways under Illinois."

Wis., Cambria—See "Waterworks."

Ia., Hazelton—Made plans sanitary sewerage system, disposal plant, etc. $30,000. H. Green & Co., Bever Bldg., Cedar Rapids, engrs.

Ark., Fayetteville—Two new sewer districts plan 8- to 30-in. sanitary sewers, one to issue $75,000 bonds and other $25,000 bonds for same. J. C. Massie, city clk.

Tex., Lamesa—See "Waterworks."

Tex., Marlin—Election soon $70,000 bonds improving sewage plant. Address Mayor Goode.

Tex., Mission—Election Jan. 14, $60,000 bonds extending sewerage system and disposal plant. Address Mayor.

Tex., Pelly—Election Jan. 24, $35,000 bonds new sanitary sewerage system. Address Mayor. Engineer not selected. Noted Dec. 18.

Okla., Pittsburg—Voted $27,500 bonds 5 miles sanitary outfall sewers, also disposal plant. Gant Baker Co., 1116 West Main St., Oklahoma City, engrs. Noted Dec. 25.

Okla., Westville—Made preliminary plans 7 mi. sanitary and outfall sewers. To exceed $25,000. Engineer not selected. A. West, mayor.

Okla., Wewoka—Made surveys 26,300 ft. 8- to 15-in. vitr. clay sewers in Seminole, Pear, Plum, Maple, Sycamore, Ohfusky and Cedar Sts. $30,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, Noted Dec. 25.

Calif., Glendale—Made plans 80,207 lin. ft. 8- to 24-in. vitr. sewers in various streets. Burns & McDonnell, Marsh-Strong Bldg., Los Angeles, engrs.

From Cleveland

"At no time in the development of Cleveland and vicinity has the outlook for the construction industry looked better than it does as the year 1925 gets under way. Equally important, the activity of the year 1924 offers a good basis for the prediction that the new year will be the best in the history of the community. There is enough construction work in prospect at this time to herald an even bigger year for 1925 than was obtained during 1923. This is based upon plans already formed that call for $53,000,000 construction during the first six months, or less, of 1925."

Construction News Correspondent

Ont., Toronto—East York Twp., Municipal Yard, Sammon Ave., soon takes bids 18,000 ft. 8- to 12-in. vitr. tile sewers in Woodycrest Ave. $2,200, Jones Ave. $2,145, Langford Ave. $2,119, Dawes Rd. $20,100, Thyra Ave. $6,180, and Danforth Ave. $6,544. G. R. Jack, twp. engr.

Ont., Toronto—Making plans sewage disposal plant in North Toronto in connection with large sewage scheme. $1,000,000. R. C. Harris, city engr. Noted Jan. 1.

Ont., Toronto—East York Twp., Municipal Yard, Sammon St., plans 15,000 lin.ft. 8- to 12-in. vitr. tile sewers in 14 streets and avenues. $35,000. G. R. Jack, twp. engr.

Ont., Toronto—York Twp., 40 Jarvis St., making plans 26,000 ft. 8 in. up vitr. tile sewers in 18 streets and avenues. $50,000. F. B. Goldike, twp. engr.

BIDS DESIRED

N. Y., Brooklyn—Jan. 14, by E. Riegelmann, boro. pres., Boro Hall, sewers in Ocean Parkway, Ovington Ave., Quentin Rd., Kings Highway, Avenues P and O, East 2nd, 7th, 8th and 42nd Sts.

N. Y., Long Island City—Jan. 12, by M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., sewers in Ulster and Tuckahoe Aves., Pearson, 154th (Brink Pl.), 116th (Walnut), and Beddard Sts.

N. Y., New York—Jan. 14, by H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., sewers in Grenada and Sands Places, Mace, Radcliff, Colden, Paulding, Laconia, Fletely, Metcalf, Wilcox, Vincent, Randall, Ellsworth, Hobart, Croes, Noble, Morris Park, Yates, Cruger and Strang Aves., East 233rd, 227th, 229th, 225th, 177th, 174th and 172nd Sts.

Md., Baltimore—Jan. 14, by Bd. Awards, 9,000 ft. 8- to 72-in. sewers in Dist. H-6, Storm Water Contr. 70. B. L. Crozier, City Hall, engr.

N. C., Robertsonville—See "Streets and Roads."

BIDS RECEIVED

Wis., Milwaukee — Bd. Pub. Wks., Dec 29, from J. Forrestal Co., 215 15th St., monolithic concrete sewer in Pabst Ave., $119,824; from Wenzel & Henoch Co., 498 27th St., monolithic concrete sewer, etc. in 53rd St. $114,957, vitr. combined sewers in 14th and Harrison Aves., $1,252; from G. E. Zimmerman, 3402 Grand Ave., rein.-con. sewer in 4th Ave. $7,336, vitr. sewer in 6th Ave., $12,056; from W. T. Werner, 675 Hi-Mount Blvd., vitr. sewers in 57th St. $2,770, 58th St. $1,506, Mineral St. $821. Noted Dec. 25.

Calif., Alhambra—For 1 mi. 48 in. rein.-con. drain, from Allied Constr. Co., 459 East 3rd St., Los Angeles, $50,560.

CONTRACTS AWARDED

N. Y., Long Island City—M. E. Connolly pres. Queens Boro, Queens Subway Bldg., sewers in Sutter and 79th Aves., etc., to A. Paino, 2016 East 14th St., Brooklyn, $148,956; sewer in Moore St., to Green Contg. Co., 734 Vernon Ave., Astoria, $5,720. Noted Jan. 1.

Md., Baltimore—Bd. Awards, 400,000 lb. manhole, sewer inlet, and similar iron castings, to Amer. Shoe Brake & Fdry. Co., Fulton Sta., $11,556. Noted Jan. 1.

Va., Richmond—For 6,600 ft. 84 in. precast concrete sewer, etc. from point south of Granite St. between Granite St., James River, William Byrd Park and tracks of Richmond, Fredericksburg & Potomac R.R., to Hughes & Keegan, Real Estate Exch. Bldg., $115,559.

O., Dayton—For 4,000 ft. 30 in. rein.-con. sewer in Stout St., to Geiger & Roody, 409 Dayton Savings & Trust Bldg., $47,700 Engrs. est. $74,000.

Minn., St. Paul—Jan. 6, by H. W. Austin, city purch. agt., Belt Line, Phalen and Hazel Park sewerage system, Contr. H. $100,000. G. M. Shepard, city engr.

Kan., Oxford—For 28,932 ft. 8 and 10 in. sewers and disposal plant, to Burt & Tripp, Hutchinson, $32,183. Noted Dec. 11.

Tex., Houston — Storm sewer in Rice Blvd., to Fleming & Co., Humble Bldg., $31,150. Engrs. est. $35,000. Noted Sept. 25.

Tex., New Braunfels—For complete sewage plant, to Elder & Walker, San Antonio, $72,055. Engrs. est. $75,000.

Okla., Oklahoma City—Sewers in Jones Park addition, to Greene-Beekman Constr. Co., 519½ West Main St., $25,265.

Okla., Oklahoma City—For 47,300 ft. 8- to 15-in. concrete sewers in Capitol Hill and St. Marys Academy addition, to Koller Plumbing Co., Ponca City, $105,415. Engrs. est. $135,000. Noted Oct. 6.

Calif., Tulare—Vitr. sewers in various streets, to Oakland Sewer Constr. Co., 1003 85th Ave., Oakland, $73,780. Noted Oct. 2.

Ont., Hamilton — Sewers in Burlington St., 1st section, to J. Maguire Constr. Co., 196 Spadina Rd., Toronto, $79,900; 2nd section, to Stuart & Sinclair, 17 Jackson St. E., $27,109; 3rd section, to W. L. McFaul, City Hall, $49,600.

Ont., Toronto—Will build 17,000 ft. rein.-con. and brick trunk sewers in Strachan, Jones and Pape Aves., by day labor. $435,000. R. C. Harris, city engr.

Bridges

PROPOSED WORK

Pa., Hollidaysburg—Blair Co. 2 span 120 ft. bridge, 24 ft., at Martinsburg, one 90 ft. arch bridge, 20 ft., at East Freedom, two span 100 ft. bridge, 20 ft., here, two 25 ft. span bridge, 20 ft., at Cross Keys, and one 36 ft. span bridge at Eldorado, all concrete and steel. $150,000. D. F. Stout, Court House, engr.

Ohio—See "Streets and Roads."

Bridges (Continued)

Wisconsin—Eau Claire Co. appropriated $24,000 for bridge work, G. Osborne, comr.; Sauk Co. $18,619, W. Halbersleben, Baraboo, comr.

Ia., Des Moines—Making preliminary plans bridge over Coon River, at 18th St. $500,000. K. C. Kastberg, 1821 York St., engr.

Neb., Wakefield—See "Excavation, Drainage, Irrigation, Levees.

Missouri—State Hy. Dept., Jefferson City, making plans four 40 ft. rein.-con. deck girder spans, etc., over Douglas Branch, two 10 ft. concrete slab spans, etc., over stream, one 120 ft. steel truss and five 30 ft. rein.-con. deck girder spans, etc., over Marmaton River, all Vernon Co.; three 35 ft. reni.-con. deck girder spans, etc., over Piney Creek, three 18 ft. rein.-con. slab spans, etc., over Gulf Branch, Oregon Co., four 24 ft. and three 20 ft. rein.-con. slab spans over stream, Shannon Co.; one 80 ft. rein.-con. arch span, spandrell filled, etc., over Barren Creek, one 20 ft. rein.-con. arch span, spandrell filled, etc., over Erwin Creek, both Polk Co.; one 130 ft. steel truss span, etc., over Bear Creek, Cedar Co. B. H. Piepmeier, ch. engr.

Tex., Baird—See "Streets and Roads."

Tex., Boston—See "Streets and Roads."

Okla., Baron—Adair Co. election Jan. 7, $55,000 bonds for 4 span 180 ft. steel and concrete bridge over Evansville Creek, near here. J. M. Page, Capitol Bldg., Oklahoma City, engr.

BIDS DESIRED

South Carolina—Jan. 27, at office Beaufort-St. Helena Twp. Hy. Comn., Court House, Beaufort, Ladies Island Bridge, connecting Beaufort and Ladies Island on an extension of State Route 30. State Highway Engineer, 1626 Main St., Columbia, engr.; adv. E. N.-R. Jan. 8.

S. C., Saluda—See "Streets and Roads."

Fla., Tampa—Feb. 17, by City Comn., City Hall, bridges over Hillsborough River at Cass and at Platt Sts. R. D. Martin, city engr., adv. E. N.-R. Jan. 8.

Tennessee—Jan .23, by State Dept. Hys. & Pub. Wks., Nashville, five 26 ft. span rein.-con. bridge over Laurel Fork River, State Aid Project 189 Carter Co.; 4 over 20 ft. span rein.-con. girder bridges, between Sta. 399 plus 00 and Wayne Co. line, State Aid Project 187, Hardin Co.; two 22 ft. and one 30 ft. span rein.-con. bridge over tracks Louisville & Nashville R.R., near Springfield, State Aid Project 119-C, Robertson Co.; also 3 over 20 ft. span rein.-con. girder bridges, on State Aid Project 186, Wayne Co. J. G. Creveling, highway comr.

Tex., Brownsville — Feb. 10, by O. C. Dancy, judge Cameron Co., 2 span 175 ft. steel and concrete bridge across Arroyo Colorado, near Harlnigen. $66,000. W. O. Washington, Brownsville, engr. Noted Dec .25.

Tex., Canadian — Hemphill Co., 601 ft. timber pile trestle bridge, also repairing another bridge, concrete dip and approaches, on State Highway 4, to Austin Bridge Co., Commbs St., Dallas, $23,969, not incl. engineering and contingencies. Engrs. est. $26,500.

Tex., Linden—See "Streets and Roads."

Tex., Sulphur Springs—See "Streets and Roads."

BIDS RECEIVED

N. Y., Jamestown—Bridge Comn., Dec. 15, constructing West 3rd St. Bridge, 1,200 ft. long, steel deck girder, over Chadokin River, from Warren Constr. Co., Jamestown. Engrs. est. $300,000. Noted Nov. 27.

Missouri—See "Streets and Roads."

Tex., Brenham—See "Streets and Roads."

Tex., Henrietta — See "Streets and Roads."

Tex., San Antonio—I. Ewig, city engr., Dec. 29, structural steel for 90 ft. span bridge across San Antonio River, on Presa St., from Houston Structural Steel Co., Yale and Center Sts., Houston, $23,000; concrete and substructure for same, from Walker-Elder Co., Houston Bldg., $36,584. Noted Dec. 11.

CONTRACTS AWARDED

Va., Richmond—Concrete bridge, on Cowardin and Semmes Aves., to Hankins & Collins, 1410 West Clay St., $38,000.

South Carolina — Allisons Ferry Bridge Co., Florence, to Simmons Myrant Co., Charleston, timber bridge $76,618, concrete piers $25,514; to Austin Bridge Co., Nickleberry St., Atlanta, Ga., steel bridge $22,410; to L. A. Chitwood, Columbia, earth fills $11,573, all in Florence and Marion Counties. Noted Dec. 11.

Alabama—State Hy. Dept., Montgomery, several small bridges on Davenport-Ft. Deposit-Montgomery Co. Rd., Lowndes Co., to Buchanan, Chamanois & Blanks, Meridian, Miss., $21,404, engrs. est. $26,000; several small bridges on Monroeville-Camden Rd., Monroe Co., to J. H. Bull, Windfield, $19,-191, engrs. est. $27,000. Noted Nov. 20, under "Streets and Roads."

La., New Orleans—Dept. Pub. Finance Office, Purch. Div., Room 24, City Hall, substructure Strauss trunion bascule bridge over new Basin Canal, South Carrolton Ave., to Lake Side Bridge & Steel Co., North Milwaukee, Wis., $173,000.

Ia., Clinton — Clinton Co., steel truss bridge over Mill Creek, to L. Plumb, Wapello, $18,767; truss deck girder bridge at Wheatland, to J. R. Kane, Charlotte, $11,900.

Kan., Junction City—Bridge 1 and Conroe Bridge, to F. Luttjohann, 2101 Kansas St., Topeka, $21,485 and $17,302 respectively, Bridge 2 and culverts, to R. O. Shriver, Salina, $2,399 and $13,991 respectively; grading 4.745 mi. Lyons Rd., Federal Aid Project 228-A, to J. L. Collins, Junction City, $14,931. Noted Dec. 11 under "Streets and Roads."

Texas—Milam Co. (Cameron) and Robertson Co. (Franklin) 192 ft. steel and rein.-con. bridge across Little River, etc., to Thomas & Ratliff, Rogers,

Tex., Alice—See "Streets and Roads."

Tex., Houston—Concrete bridge, at Herman Park, to Smith Starkey & Brown, Stewart Bldg., $68,600. Engrs. est. $75,000.

Tex., Jacksboro — See "Streets and Roads."

Tex., Seymour—See "Streets and Roads."

Tex., Vernon—See "Streets and Roads."

Calif., Redwood City—Dumbarton Highway Bridge Corp., Santa Fe Bldg., San Francisco, to Moore Dry Dock Co., foot of Adeline St., Oakland, manufacturing and erecting 4,596,000 lbs. metal work, etc., for bridge over San Francisco Bay, at Dumbarton Crossing, San Mateo Co., manufacturing and erecting 2,100,000 lbs. metal work on dock in San Francisco Harbor, etc., also transporting 2,100,000 lbs. metal work from dock in San Francisco Harbor and erecting same for girder spans; to Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, constructing pier for main truss spans and timber fenders for piers, etc., 12,630 cu.yd. concrete, 30,000 lbs. reinforcing, 27,000 lin. ft. timber piling, also constructing concrete pile bent, concrete girder spans, etc., 35 timber test piles, 8,380 lin.ft. concrete piling, 4,500 yd. concrete cap slabs, etc. Noted Dec. 25.

Dams

PROPOSED WORK

Tex., Lufkin—Making plans raising dam at city lake, 4 ft. to make capacity 192,000,-000 gals. $100,000. T. L. Dunn, city secy. Engineer not announced.

Calif., Los Banos—See "Excavation, Drainage, Irrigation, Levees."

Railways

PROPOSED WORK

Massachusetts—Boston Elevated Ry. Co., Park Sq. Bldg., Boston, plans new tracks and reconstructing old connecting tracks from Bridge abutments along Western Ave. to Charles River Reservation, Brighton. $25,000. Private plans.

Alabama — Birmingham Electric Co., Birmingham, plans extensions and improvements to electric car system, incl. replacing several mi. trolley wire, new modern type cars, building new tracks, etc., in Birmingham. $2,000,000. J. S. Peaver, vice-pres. and genl. mgr.

Tennessee — See "Buildings—Industrial under Memphis."

Illinois—Western Tie & Timber Co., 905 Syndicate Trust Bldg., St. Louis, Mo., soon takes bids about 10 mi. standard gauge sidetracks, water-mains and sewers for new plant no 316 acre tract, near Edwardsville. Private plans. Noted Sept. 25 under "Buildings—Industrial under Edwardsville."

Texas—Missouri, Kansas & Texas R.R., Missouri, Kansas & Texas Bldg., Dallas, making plans enlarging yards and roundhouse, etc. at Katy Yards, in Ft. Worth. $1,000,000. K. H. Hanger, ch. engr.

Oklahoma and Kansas — Dodge City & Cimarron Valley R.R. Co., c/o Santa Fe R.R. Co., 179 West Jackson Blvd., Chicago, Ill., bought right-of-way and making preliminary plans 60 mi. track extension from Forgan, Okla., to Elkhart, Kan. $500,000 or more. C. W. Felt, ch. engr.

Ontario—Hydro Electric Power Comn. of Ontario, 190 University Ave., Toronto, plans to expend $700,000 repairing and rebuilding 15 mi. radial railway from Humber River to Port Credit. F. A. Gaby, ch. engr.

Excavation, Drainage, Irrigation, Levees

PROPOSED WORK

La., Baton Rouge—Choctaw D. D. voted $100,000 bonds for drainage and levee work, incl. 1,000,000 cu.yd. earthwork.

La., Martinville—Election Jan. 14, $200,-000 bonds, drainage work in St. Martin and St. Landry Gravity D. D. 1, St. Martin and St. Landry Parishes.

Ia., Oskaloosa—Mahaska Co. D. D. 6, plans 350,000 cu.yd. earth excav. $45,000. D. B. Russell, Oskaloosa, engr.

Neb., Wakefield—North Logan D. D., c/o W. R. Driskell, Logan, making preliminary plans 13 mi. drainage ditches, etc., approximately 500,000 cu.yd. excav., ten 60 ft. steel bridges, etc. H. Rettinghouse, 923 South Dakota Ave., Sioux Falls, S. D., engr.

Neb., Wakefield—South Logan D. D., c/o E. Boeckenhauser, Wakefield, making preliminary plans approximately 6 mi. drainage ditches, 250,000 cu.yd. excav., for drag line machines, four 60 ft. steel bridges, etc. H. Rettinghouse, 923 South Dakota Ave., Sioux Falls, S. D., engr.

Texas—State Bd. Water Engineers, Austin, election Jan. 24, for formation of water improvement district for Bexar, Medina and Atacosa Counties, proposed irrigation to reclaim 43,500 acres. $9,000,000 bond election expected in March for same.

Calif., Butte City—Butte City Ranch, made plans irrigating 2,552 acres land, incl. 5 pumping plants, centrifugal, 12 in. size with 50 hp. motors, 80,000 to 100,000 lin. ft. 12- to 20-in. concrete pipe 4 mi. power line, etc. Private plans.

Calif., Grimes—E. Smith, 1011 Mariposa Ave., Berkeley, made plans irrigating 365 acres of land incl. installation one 20 and one 10 in. centrifugal pumps, in Colusa Co., here.

Calif., Los Banos—San Joaquin River Water Storage Dist. made estimates for Friat Dam, one 100,000 acre ft. dam, estimated cost $4,585,000, one 130,000 acre ft. dam $5,792,500, one 200,000 acre ft. dam $8,313,000, one 400,000 acre ft. dam $12,-975,500, one 600,000 acre ft. dam $18,000,-000; also powerhouse, approximately $2,000,000 to $2,500,000. H. Barnes, Los Banos, resident engr., A. Kempkey, Hobart Bldg., and A. J. Wiley, Boise, Idaho, consult. engrs.

Calif., San Ysidro (National City P. O.) —San Ysidro Irrigation Dist. plans to irrigate approximately 400 acres, 4 mi. 1 to 12 in. riveted steel and wrought iron sheet steel pipe line, 3, 4 and 6 in. centrifugal pumps direct connected to 40 hp. motors.

BIDS DESIRED

Fla., Clearwater — Jan. 15, by Comrs. Pinellas Co., 900,000 cu.yd. dredged embankment which will form part of causeway across Clearwater Harbor between main land and sand key. C. E. Burleson, co. engr.

Wis., La Crosse—Jan. 17, by E. Bosshard, secy. La Crosse Co. Farm Drainage Bd., Court House, Dist. 1, Shelby Twp., 9,200 ft. ditch, incl. 35,250 cu.yd. excav., dam, 40 cu.yd. rein.-con., two surface intakes each containing 33 ft. of 24 in. vitr. sewer pipe, etc. E. R. Jones, Madison, engr.

Minnesota—Jan. 19, by C. J. Kall, aud. Nobles Co., Worthington, 144,800 lin.ft. 6- to 28-in. tile in Judicial Ditch 9, Nobles Co., $108,205; 89,640 lin.ft. 6- to 30-in. tile, 14,-500 lin.ft. 6- to 16-in. sewer pipe, etc., in Judicial Ditch 17, Nobles, Murray and Jackson Counties, $61,296. Noted Dec. 4.

Calif., Merced—Jan. 14, by Directors Merced Irrigation Dist., constructing canal, 252,000 cu.yd. excav., and 13,000 sq.ft. concrete lining, 2,000 ft. 30 in. concrete pipe, 120,000 ft. Oregon pine, and 140,000 ft. raw wood timber, etc. R. V. Meikle, ch. engr.

BIDS RECEIVED

N. Y., New York—Commissioners Docks, Pier A, North River, Dec. 30, dredging 110,000 cu.yd. between Piers 58 and 62, Contr. 1849, from Columbia Dredging Co., 30 Church St., $22,990. Noted Dec. 25.

CONTRACTS AWARDED

La., Bossier—Bd. Comrs. Gravity D. D. 1, Bossier State Bank, clearing and excavating Red Chute Bayou, to Buchanan &

Excavation, Drainage, Irrigation, Levees
(Continued)

Crow Co., Shreveport, $43,200. Engrs. est. $50,000. Noted Dec. 18.

Ill., Decatur—D. D. 1 of Austin Twp., Macon Co., 12,500 f.t 10- to 26-in. drainage tile, to White Hall Sewer Pipe & Stoneware Co., White Hall; labor, to J. Boze, Decatur. Engrs. est. $15,500.

Ill., Fairbury—Avco D. D., 54,529 ft. 8- to 30-in. Streator shale drain tile, to Herr Bros., Piper City, Ill.

Ia., Onawa — Heltz D. D. 17, Monona Co. **(a)** approximately 123,039 cu.yd. main channel ditch, and **(b)** cleaning out lateral ditches, to R. Osman, Woodline, **(a)** $0.11 per cu.yd., and **(b)** $0.20.

Mo., Elsberry—Lincoln Co. Rice Farming Co., c/o A. V. Rowe, will construct irrigation system consisting of 7 mi. main channel, 60- to 75-ft. wide, laterals, also 3 pumping units, 10,000 g.p.m. each, etc., by day labor. Noted Oct. 9.

Calif., Merced—Merced Irrigation Dist., two 48 x 60 in. and two 75 x 96 in. slide gates, to Llewellyn Iron Wks., 1200 North Main St., Los Angeles, $16,056 and $28,471 respectively; two 60 in. and two 96 in. needle free discharge valves, to Pelton Water Wheel Co., 19th and Harrison Sts., San Francisco, $35,104 and $52,046 respectively; two 96 in. needle type penstock valves mechanically operated, to Wellman-Seaver-Morgan Co., Rialto Bldg., San Francisco, $47,650; 4 booster pumps, to Byron-Jackson Pump Mfg. Co., foot of Carleton St., Berkley, approximately $11,000. Noted Nov. 13.

Streets and Roads

PROPOSED WORK

Massachusetts—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, plans highway from Morton St. along Marsh and Adams Sts., in Boston, also Shore Dr., North St. and Quincy Ave., in Quincy. $2,000,000. J. R. Rablin, 1 Ashburton Pl., Boston, engr.

Mass., Boston — City and Metropolitan Dist. Comn., 1 Ashburton Pl., plan widening River St. between Cleary Sq. and Everett Sq. and between Everett Sq. and Mattapan. $1,000,000. Engineer not selected.

Mass., Boston—Park Dept., plans resurfacing Glen Lane in Franklin Park to Forest Hills, Dorchester. To exceed $25,000. J. B. Shea, chn.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., rejected bids Dec. 23, repaving, etc. Ditmars, Prospect and 6th Aves., 8th Ave. from Flushing to Potter Sts., and 8th Ave. from Jackson to Washington Sts.

New Jersey—Bd. Freedholders Mercer Co. (Trenton), making plans reconstructing 2.96 mi. Elm St.-Rosedale Rd., 18 ft. penetration macadam, at Princeton, $100,000; paving 7½ mi. Princeton Pike between Harneys Corner, near Trenton to Princeton, 60 ft., concrete, $500,000; resurfacing, etc., 2 mi. Washingtons Crossing-Titusville Rd., 18 ft., bituminous concrete, at Titusville, $75,240. H. F. Harris, Court House, Trenton, Co. engr.

N. J., Dover—Bd. Freeholders Morris Co., plans paving 2 mi. Dover-Mt. Freedom Rd., stone macadam. $44,624. W. Hopkins, engr.

Pa., Ebensburg — Comrs. Cambria Co. making plans constructing 11,468 ft. Adams-Croyle Twp. Rd., brick. L. R. Owen, co. engr.

N. C., Durham—Plans to expend $600,000 on street, water and sewer extensions in newly annexed sections. H. W. Kueffner, Durham, engr.

Miss., Jackson — Hinds Co. election in spring $200,000 bonds for road work. Noted Oct. 23.

Tenn., Johnston City—Election soon $32,000 bonds, paving various streets.

Ohio—Dept. Highways & Pub. Wks., Columbus, cancelled bids which were to be opened Dec. 26, grading, bridging and paving 0.18 mi. Sect. "Cadiz," Steubenville-Cambridge Rd., Harrison Co., and 1.305 mi. Sect. "Q" Steubenville-Cambridge Rd., Harrison Co. Noted Dec. 25.

O., Akron—W. F. Peters, dir. Pub. Serv., takes bids in spring, grading, laying sidewalks and cindering 1,350 cu.yd. Patterson Ave., et al., $32,000, 680 cu.yd. Alexander St., $8,500; grading, curbing, laying sidewalks and vitr. brick paving 10,510 sq.yd. Ackley St. et al., $100,000, 975 sq.yd. Courtney Pl., et al., $6,600, 11,525 sq.yd. North Case Ave., $80,000; grading, curbing and vitr. brick paving 4,035 sq.yd. Avon St., $25,000, 1,720 sq.yd. South Walnut St., $13,500; grading, curbing, laying sidewalks, resurfacing and sheet asphalt paving 860 sq. yd. North Case Ave., $6,500; grading, repaving, resurfacing and paving 400 ft. Wooster Ave., 320 sq.yd. vitr. brick, 2,400 sq.yd. sheet asphalt and 250 tons asphalt binder, $10,000; grading and sidewalks on 6,100 sq.yd. Hudson Ave., $5,500. E. A. Kemmler, 300 Delaware Bldg., engr.

O., Youngstown—Bd. Control takes bids in spring improving Zents Ave. from bayou to Wick Ave. $25,000. G. Turner, city engr.

Ind., Elwood—Madison Co. (Anderson), plans concrete paving and curbing, etc., 3.5 mi. portions of South "C," 13th and North "B" Sts., here, 25 to 30 ft. $50,000. A. Doyle, Anderson, engr.

Wisconsin — Bayfield Co. appropriated $38,615 for county and state road work, J. Friberg, comr.; Burnett Co. $14,500, G. E. Miller, Webster, comr.; Chippewa Co. $55,000, W. H. Taylor, Chippewa Falls, comr.; Clark Co. $24,500, O. J. Weymiller, comr.; Dane Co. $30,000, J. R. Caldwell, comr.; Door Co. $25,000, J. M. Laurie, comr.; Forest Co. $27,583, B. McKinley, comr.; Dodge Co. $336,125, E. T. Klug, Juneau, comr.; Jefferson Co. $24,000, R. D. Royce, Fort Atkins, comr.; Juneau Co. $12,000, A. V. Robison, comr.; Kenosha Co. $25,000, J. F. Herzog, comr.; La Crosse Co. $215,586, J. Hintgen, La Crosse, comr.; Manitowoc Co. $30,000, J. Connell, Manitowoc, comr.; Monroe Co. $40,181, C. Millard, comr.; Polk Co. $46,960, C. W. Nystrom, comr.; Racine Co. $13,000, W. A. Bechthold, comr.; Sawyer Co. $15,000, E. J. Collett, Hayward, comr.; Vilas Co. $6,500, W. F. Hunter, Eagle River, comr.; Washburn Co. $10,000, J. R. Allen, Spooner, comr.; Washington Co. $24,000, C. Johnson, West Bend, comr.; Waupaca Co. $20,000, J. Hufcut, comr.; Ozaukee Co. $102,826, W. J. Ubbink, Port Washington, comr.; Sheboygan Co. $182,963, G. W. Ubbelohde, comr.; Oneida Co. $24,006, C. Gross, comr.

Wisconsin—Eau Claire Co. appropriated $84,289 for road work, G. Osborne, Eau Claire, comr.; Outagamie Co. $145,513, A. G. Brusewitz, Appleton, comr.; Sauk Co. $186,208, W. Halbersleben, Baraboo, comr.

Wis., Darlington—Lafayette Co. appropriated $38,669 for county and state road work. H. I. Shockley, Darlington, comr.

Wis., Hudson — Saint Croix Co. appropriated $28,931 for county and state road work. H. P. Olson, Hammond, comr.

Wis., Juneau—Dodge Co. voted $200,000 bonds, gravel surfacing 3.5 mi. Richwood Rd. north to Highway 60, $21,000, and 2 mi. east to Trunk Highway 26, Watertown-Juneau Rd., $8,000; 1 mi. Lebanon-Ashippun Rd., $55,800; 1 mi. Horicon-Iron Ridge Rd., $4,000; 1 mi. Mayville-Brownsville Rd., $2,500; 5.5 mi. northern County Line Rd., $25,000; 1.5 mi. Juneau-Iron Ridge Rd., $7,000; 4 mi. State Trunk Highway 28 east of Trunk Highway 15, $24,000; 7.5 mi. Columbus-Randolph Rd. and 7.5 mi. Trunk Highway 73, $44,136; 4 mi. Trunk Highway 68 east of Browns Corners, $28,000.

Wis., Milwaukee—Dept. Pub. Wks. plans concrete, vibrolithic concrete, brick, asphaltic concrete or sandstone paving various streets. $2,500,000 available. R. E. Stoelfing, comr.

Ia., Leon—Plans paving, etc. about 18 blocks various streets. $65,000. L. L. Hutchinson, city clk.

Kan., Belleville—Republic Co. soon takes bids grading and brick or concrete surfacing 1.378 mi. Federal Aid Project 272-B, 18 ft. G. O. Gunnels, Belleville, engr. Noted Oct. 9.

Kan., Cottonwood Falls—Chase Co. making preliminary plans grading, bridging, etc. 7.061 mi. Federal Aid Project 256-A, 28 ft. G. H. Lamb, Jr., Cottonwood Falls, engr.

Kan., Council Grove—Morris Co. soon takes bids grading and gravel surfacing 4.452 mi. Council Grove-Herington Rd., 18 ft., Federal Aid Project 257-A, B and C. J. McKinney, Council Grove, engr.

S. D., Aberdeen—Plans paving about 10 blocks various streets. $50,000. L. Kohloff, city aud.

Missouri—State Hy. Dept., Jefferson City, making plans 30 ft. grading 8.845 mi. Chillicothe-Hannibal Rd., Livingston Co., 5 mi. road from Alton east and west, Oregon Co., 4.624 mi. road from Alton south, Oregon Co., 4.962 mi. road from Bethany north, Harrison Co., 4.051 mi. road from Troy east and west, Lincoln Co., 1.875 mi. road from Spickard south, Grundy Co., 1.197 mi. Wellington-Lexington Rd., Lafayette Co.; 16 ft. gravel surfacing 4.926 mi. road from Bolivar north and south, Polk Co., 3.864 mi. Canton-Monticello Rd., Lewis Co.; 18 ft. gravel surfacing 8.928 mi. road from Mexico east, Audrain Co., 4.824 mi. road from Kirksville north, Adair Co.; 12 ft. gravel surfacing 4.325 mi. Stockton-Bolivar Rd., Polk Co., 4.235 mi. Stockton-Bolivar Rd., Cedar Co., 2.596 mi. road from Gainsville east, Ozark Co., 18 ft. gravel surfacing 4.115 mi. Greentop-Queen City Rd., Schuyler Co.; 9 ft. concrete surfacing 4.962 mi. road from Bethany north, Harrison Co. B. H. Piepmeier, ch. engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes bids concrete paving 24,000 yd. alleys in city blocks 457, 5557, 2806, 5254, 5258, 5278, 5122, 1430, 5123, 5505, 5315, 5468, 2855, 5574, 1884, 2278 and 2483, $72,250; grading, paving with willite on concrete paving, granite curbing, etc., Lafayette Ave., $32,550. W. W. Horner, city engr.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, soon takes new bids asphalt on concrete surfacing, granite curbing, etc. 2,010 sq.yd. Tennessee St. $14,400, 2,550 sq.yd. Francis St. $18,920, Bancroft St. $12,120. Former bids rejected. W. W. Horner, city engr.

Texas—See "Bridges."

Tex., Baird — Callahan Co. takes bids after Jan. 10, grading, asphaltic macadam surfacing and bridging 8.39 mi. State Highway 1, Federal Aid Project 52-C. $186,500. T. H. Webb, co. engr.

Tex., Boston—Bowie Co. had plans prepared and soon takes bids grading and concrete surfacing 10.71 mi. 18 ft. and 0.93 mi. 20 ft. on State Highway 5, from Texarkana to west side Precinct 1, $394,000; grading, rein.-con. surfacing and bridging 8.4 mi. State Highway 47 from Texarkana south, 18 ft. $315,000. D. K. Caldwell, Texarkana, engr.

Tex., Corpus Christi—Nueces Co. plans improving Brownsville Rd., 1,650 yd. mud shell hauled 1st 4th mi., and 38,000 yd. additional. $25,000. C. E. Cocke, Corpus Christi, engr.

Tex., El Paso—El Paso Co. takes bids after Jan. 15, surfacing with 2 in. bituminous on black base 15.2 mi. State Highway 1, Ysleta to Fabena, 18 ft. $410,500. F. E. Wilson, co. engr.

Tex., Hebbronville—Jim Hogg Co. plans caliche surfacing 5.91 mi. State Highway 12-A, from Duval Co. line to here. $35,000. E. J. Foster, Laredo, engr.

Tex., Kaufman—Kaufman Co. soon takes bids rein.-con. surfacing 3.91 mi. State Highway 15, extending east from Terrell, 18 ft., $105,000; 9.75 mi. State Highway 15, from Terrell west to Talty Forney Rd., 18 ft., $260,000; 6.62 mi. State Highway 15, west from Van Zandt Co. line, 18 ft., $175,000. S. J. Treadway, Cartwright Bldg., Terrell, engr.

Tex., Marlin—Falls Co. approved $115,000 bonds graveling 9 mi. road in Dist. 6. W. Hunnicut, judge. Engineer not announced.

Tex., Mission—Election Jan. 14 $40,000 bonds, permanent paving various streets. Address Mayor.

Tex., Quanah—Election Jan. 17, $600,000 bonds for road work. Engineer not announced.

Oklahoma—State Hy. Dept., Oklahoma City, made surveys grading, graveling 86,000 sq.yd. Wister-Summerfield Rd., Le Flore Co. $120,000. J. M. Page, highway engr.

Oklahoma — State Hy. Dept., Oklahoma City, made surveys grading and concrete paving 63,000 sq.yd. Blackwell-Tonkawa Rd., Kay Co. $175,000. J. M. Page, Capitol, Oklahoma City, engr.

Okla., Ada—Plans grading and concrete paving 7,300 sq.yd. 13th St., Dist. 14. $28,000. H. S. Darlington, Ada, engr.

Okla., Checotah — Voted $67,000 bonds vertical fibre brick resurfacing 22,000 sq. yd. Main St. and Bway. T. P. Clonts, 2110 Garland St., Muskogee, engr. Noted Dec. 4.

Okla., Chickasha—Grady Co. voted $650,000 bonds, grading 100 mi. various roads, 18 ft. J. M. Page. Capitol Bldg., Oklahoma City, engr. Noted Dec. 4.

Okla., Newkirk—Plans concrete paving 6 blocks Cedar, Maple and Plum Sts., 24 ft. $30,000. F. B. King, Grain Exch. Bldg., Oklahoma City, engr. Noted Dec. 25.

Okla., Norman—Plans grading and concrete paving 13,100 sq.yd. Dist. 26, $48,800. F. Cobb, Norman, engr.

Okla., Wetumka — Plans grading and vertical fibre brick surfacing 5,200 sq.yd. Canadian St. $26,000. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engr.

Okla., Wewoka—Soon takes bids grading and 2.5 in. brick on concrete paving 29,800 sq.yd. Dist. 4. V. V. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Dec. 25.

Calif., Ontario—Making plans waterbound macadam and asphaltic concrete paving Mountain, Magnolia and Bon View Aves. To exceed $25,000. O. L. Roen, engr.

Streets and Roads (Continued)

Calif., Stockton—San Joaquin Co. made plans improving Middle Ave. in Sumner Home Tract, 2,000 cu.yd. grading, 3,230 tons gravel, 960 tons rock, 440 tons pea gravel, 390 bbls. asphaltic oil. F. E. Quail, co. surv.

Calif., San Diego—Common Council plans improving West Pl. Loma Blvd., Voltaire, Bacon and Defoe Sts., 393,158 sq.ft. 1.5 in. asphaltic concrete on 3 in. bituminous paving, 1,014 cu.yd. earth excav., 9,744 lin.ft. concrete curbs, etc. F. H. Rhodes, city engr.

Ont., Ft. William—Voted $26,000 bonds graveling or macadamizing 12,000 sq.yd. Chippewa Park Highway. C. B. Symes, city engr.

Ont., Goderich — Huron Co. plans road and highway improvements. $50,000. R. Patterson, County Bldg., engr.

Ont., Kincardine—Plans paving 25,000 sq.yd. Main and Queen Sts., concrete, bituminous concrete or waterbound macadam. $69,000. J. H. Scougall, town engr.

Ont., Leamington—Plans cement paving various streets. $35,000. W. E. Selkirk, mayor. Prices wanted on materials.

Ont., London — Middlesex Co. plans improving roads and highways. $75,000. Prices wanted on cement and broken stone. C. Talbot, County Bldg., engr.

Ont., Toronto—Plans grading Lawrence Ave. $42,500, Emerson and St. Clarens Aves. $17,650. R. C. Harris, city engr.

Ont., Toronto — Making plans grading lane between Gladstone and Bartlett Aves. $16,000, and lane bteween Markham St. and Palmerston Blvd. $1,950; concrete sidewalks on Franklin Ave. $1,740, Gledhill Ave. $502, Humewood Dr. $465, Brock Ave. $667, Connolly St. $769; concrete paving lane west of Huron St. $3,573; concrete curbing Indian Valley Crescent $163. R. C. Harris, city engr.

BIDS DESIRED

N. Y., Brooklyn—Jan. 14, by E. Riegelmann, boro. pres., Boro Hall, restoring and repaving asphalt pavements in roadways where removed or damaged in connection with subsurface works; grading, curbing and flagging, etc., Rutland Rd., Lefferts and 20th Aves., East 31st, East 36th, Maple, 62nd, Richardson and 76th Sts.; asphalt paving Ave. K, East 31st, East 36th and 76th Sts., 15th and 20th Aves.

N. Y., New York—Jan. 14, by H. Bruckner, pres. Bronx Boro., 3rd and Tremont Aves., grading, curbing, laying sidewalks, etc., on Pelham Parkway South, White Plains Rd., East 243rd, East 172nd, East 195th, East 213th and West 255th Sts., Adee, Haight, Quimby, Hermany, Liebig and Randall Aves.

N. J., Devils Lake — Jan. 10, by J. A. Kramer, aud. Ramsey Co., and State Highway Comn., Bismarck, graveling 16 mi. Federal Aid Project 168, 22,695 cu.yd. load, unload and spread, 41,100 cu.yd. mi. gravel haul, $25,000; grading 21 mi. Federal Aid Project 225, 118,797 cu.yd. earth and 2,375 cu.yd. rock excav., 29,073 sta.yd. overhaul, etc. $30,000.

Pennsylvania—Jan. 23 and 24, by State Dept. of Hys., Harrisburg, constructing 135 mi. 32 projects in 23 counties. W. H. Connell, engr. executive and deputy secy. of highways; adv. E. N.-R. Jan. 8.

N. C., Robertsonville—Taking bids 8,000 sq.yd. paving, also 5,000 lin.ft. curb and gutter, 3,000 cu.yd. grading, 2,400 sq.yd. concrete sidewalk, storm sewers, etc., on various streets. Carolina Eng. Co., Charlotte, engrs.

S. C., Aiken—Jan. 20, at office Bd. Comrs. Aiken Co., grading and sand clay surfacing 7.7 mi. State Route 12, State Project S-522-A. State Highway Engineer, 1626 Main St., Columbia, engr.

S. C., Saluda—Jan. 9, at office Saluda Co. Hy. Comn., grading, bridging, etc., 4.9 mi. State Route 19, State Project S-569-A. State Highway Engineer, Main St., Columbia, engr.

S. C., Winnsboro—Jan. 15, at office Fairfield Co. Hy. Comn., grading an topsolling 9.4 mi. State Route 22, State Project S-535-A. State Highway Engineer, Main St., Columbia, engr.

Fla., Clearwater — Jan. 15, by Comrs. Pinellas Co., improving Roads 1 to 6 (inclusive), in Special Road and Bridge Dist. 6, here, 73 acres clearing and grubbing, 35,000 cu.yd. regular excav., 101,140 sq.yd. 6 in. and 70,900 sq.yd. 5 in. compacted lime rock base, 70,900 sq.yd. vitr. brick or asphalt block with asphalt filler, 104,640 sq.yd. sheet asphalt, asphaltic concrete or bituminous macadam; also Projects 1 to 9 (inclusive), in Special Road and Bridge Dist. 8, in Dunedin, 54 acres clearing and grubbing 57,660 cu.yd. regular excav., 70,465 sq.yd. 6 in. and 96,360 sq.yd. 5 in. compacted lime rock base, 70,465 sq.yd. double bituminous surface treatment with stone chip cover, 96,360 sq.yd. concrete, vitr. brick, asphalt block or asphaltic concrete paving. C. E. Burleson, co. engr.

Fla., Vero—Jan. 29, by City Council, improving various streets. Carter & Dameror, Vero, engrs.; adv. E. N.-R. Jan. 8.

Ala., Anniston—Jan. 30, by City Clerk, Kentucky rock asphalt or 2 in. warranted bitulithic on reconstructed slab paving 6 blocks 10th St. W., 30 ft. J. P. Harris, city engr.

Louisiana—Jan. 13, by State Hy. Comn., Reymond Bldg., Baton Rouge, gravel surfacing 6.4 mi. State Project 366 A1, Winnfield-Olla Highway, Winn Parish. W. B. Robert, state engr.

Louisiana—Jan. 27, by State Hy. Comn., Reymond Bldg., Baton Rouge, furnishing gravel and surfacing 7.3 mi. State Project 411 B, Minden-Springfield Highway, Webster Parish. W. B. Roberts, ch. engr.

Tennessee—Jan. 23, by State Dept. Hys. & Pub. Wks., Nashville, **(S. A. P. means State Aid Project, F. A. P. means Federal Aid Project)**, grading and bituminous macadam surfacing 8.56 mi. Woodbury-Warren Co. line Rd., 18 ft., F. A. P. 48-A, Cannon Co., incl. 2 over 20 ft. span, rein.-con. bridges, 11.84 mi. Murfreesboro-Cannon Co. line Rd., 18 ft., F. A. P. 48-B, Rutherford Co., incl. 1 concrete bridge over 20 ft. span; gravel and stone surfacing 19.03 mi. Decatur-Hamilton Co. line Rd., 16 ft., S. A. P. 140-B, Meigs Co.; sheet asphalt surfacing 15.16 mi. Paris-Kentucky State Line Rd., 16 ft., S. A. P. 146-B, Henry Co.; grading, etc., 0.5 mi. Gainesboro-Roaring River Bridge Rd., 16 ft., S. A. P. 135-C, Jackson Co., 6.95 mi. Forbes-Kentucky State Line Rd., 20 ft., S. A. P. 188, Pickett Co., incl. 2 over 20 ft. span timber bridges; grading and gravel surfacing 6.87 mi. Sorby-Hardin Co. line Rd., 16 ft., S. A. P. 186, Wayne Co., 7.57 mi. Wayne Co. line Rd., 16 ft., S. A. P. 187-A, Hardin Co. J. G. Creveling, highway engr.

Ill., Quincy — Jan. 29, by Bd. Local Impvts., about 68,000 sq.yd. asphalt and 16,345 sq.yd. concrete paving. W. P. Bushnell, city engr.; adv. E. N.-R. Jan. 8.

Ill., Urbana—Jan. 15, by Township Hy. Comrs., and Bd. Comrs. Champaign Co., 2 m.g. road oil. Separate bids for oil and spreading of same.

Mo., St. Louis—Jan. 27, by Bd. Pub. Serv., 208 City Hall, 20,000 sq.yd. concrete paving alleys in city blocks 3269, 1383, 1384, 1584, 2984, 4064, 4460, 5138, 5299S, 5261, 5232, 5246, 5365, 5396, 5527 and 5573. $60,-500. W. W. Horner, city engr.

Ark., Ft. Smith—Jan. 21, at office G. T. Carnell, secy. Bd. Impvts. Paving Dist. 35, 14,720 sq.yd. 6 in. concrete, rein.-con. or 2 in. asphaltic concrete on 5 in. black base or 18,040 sq.yd. 6 in. vibrolithic concrete paving 7,000 cu.yd. excav., 690 ft. 12- to 18-in. sewers, etc. W. L. Winters, Ft. Smith, engr.

Ark., Van Buren—Jan. 22, at office E. L. Matlock, secy. and atty. Bd. Impvts. Paving Dist. 3, and Curb and Gutter Dist. 1, 10,000 cu.yd. excav., 21,030 sq.yd. 9 in. asphaltic concrete surfacing, etc. in Paving Dist. 3, 14,000 ft. straight curb and gutter, etc. in Curb and Gutter Dist. 1. W. L. Winters, Ft. Smith, engr.

Tex., Kaufman—Jan. 17, by C. Ashworth, judge Kaufman Co., paving 69,951 sq.yd. State Highway 15, Federal Aid Project 130-A, $175,000; 103,393 sq.yd. State Highway 15, Federal Aid Project 130-D, $260,-000; 41,431 sq.yd. State Highway 15, Federal Aid Project 130-C, $103,500. S. J. Treadway, Cartwright Bldg., Terrell, engr. Noted Jan. 8.

Tex., Sulphur Springs—Jan. 13, by R. E. Bertram, judge Hopkins Co., grading and bridging 15.62 mi. State Highway 11, 26 ft. $77,000. J. B. Rieman, co. engr.

Tex., Van Buren — Jan. 22, by Mayor, permanent paving in Paving Dist. 3, concrete curbing in Curb Dist. 1. $116,000. Address City Commissioners.

Okla., Checotah—Jan. 15, by A. P. Sanders, mayor, vertical fibre brick resurfacing 19,800 sq.yd. Main St. and Bway. T. P. Clonts, 2110 Garland St., Muskogee, engr. Noted Nov. 20.

Calif., Richmond — City Council taking bids improving MacDonald Ave. between 23rd St. and San Pedro Ave., 10,500 cu.yd. cut, 1,300 cu.yd. fill, 218,914 sq.ft. 2 in. National on 4 in. asphaltic concrete, etc. E. A. Hoffman, city engr. Noted Dec. 25.

Calif., Santa Ana—City Council taking bids improving Orange Ave. between McFadden and East Edinger Sts., 110,328 sq. ft. 5 in. and 110,954 sq.ft. 6 in. concrete paving, etc. N. H. Neff, city engr.

Calif., San Jose—Supervs. Santa Clara Co. taking bids improving 2.5 mi. Watsonville Rd., 13,000 cu.yd. excav., 8,000 cu.yd. fill, 4 in. gravel surfacing, 18 ft. wide. R. Chandler, co. surv.

BIDS RECEIVED

Massachusetts—Dept. Pub. Wks., Div. Highways, Boston, bituminous macadam paving 21,012 ft. highway, in Fitchburg and Westminster, from C. Bianci & Co., Framingham, $211,824. Noted Dec. 25.

N. Y., Brooklyn — E. Riegelmann, boro pres, Boro Hall, Dec. 29, grading, curbing and flagging Kings Highway, from A. E. Castle, Inc., 3313 Tilden Ave., $235,162. Noted Dec. 25.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., Dec. 30, from W. H. Gheoghegan Realty Co., 147 Remsen St., Brooklyn, grading and constructing bulkheads, etc. on Beach Channel Dr. $509,115; from Highway Impvt. & Repair Co., 501 Bloomfield Ave., Montclair, N. J., grading, curbing and sidewalks on Bragaw St. $16,240, from Pegno Constr. Co., 380 Freeman Ave., Actoria, Wilbur Ave. $6,955, 124th St. $5,555, 98th St. $9,634, from Welsh Bros. Contg. Co., 32 Queens St., Astoria, Ivy St. $1,830, from F. Soviero, Union Course, Brooklyn, 92nd St. $9,300; from H. Kordes Co., 2577 Cooper St., Brooklyn, grading, etc. Steuben St. $8,271; from Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, paving 92nd St. $16,300, grading, curbing, etc. 99th St. $17,691, grading, curbing and flagging 109th St. $13,025. Noted Dec. 25.

N. Y., New York—H. Bruckner, pres. Bronx Boro., 3rd and Tremont Aves., Dec. 29, granite blocks repaving Park Ave., from J. Meehan & Son, 74 Cortlandt St., $18,084. Noted Dec. 25.

N. J., Barnegat—State Hy. Dept., Trenton, dredging section of inland waterways to connect Barnegat Bay with Manasquan Inlet, Ocean Co., from Delaware Dredging Co., 139 South 3rd St., Philadelphia, $0.64 per cu.yd. Engrs. est. $39,000.

Louisiana—State Hy. Dept., Reymond Bldg., Baton Rouge, constructing Archibald-Monroe and Monroe-Winnsboro Highway, from Pickard Constr. Co., $61,413. Noted Dec. 18.

La., Baton Rouge—City Comn. improving various streets, 94,314 sq.yd. gravel, 81,582 ft. curb and gutter, etc., from Thibodeaux & Harrison, Baton Rouge, $167,000. Noted Dec. 4.

Michigan — State Hy. Dept. at office Comrs. Lapeer Co., Lapeer, grading and gravel surfacing 2.967 mi. Assessment Dist. Rd. 460, Lapeer and Genesee Counties, from Puger & Hawkins, Bay City, $41,562. Noted Dec. 18.

Ill., Altamont—Bd. Local Impvts., Dec. 29, improving Paving Dist. 1, 13,734 cu.yd. excav., 38,361 sq.yd. 8 in. concrete paving, 9,057 lb. reinforcing, 23,417 ft. concrete curbing, 1,785 ft. 10 and 16 in. vitr. clay pipe, etc., from Cole-Fauber, Marion, $110,-600. Engrs. est. $131,000. Noted Dec. 11.

Ia., Des Moines—Polk Co., Dec. 23, from O'Rourke Eng. & Constr. Co., 1215 Mulberry St., improving 7.3 mi. Johnston Station Rd., W., Federal Aid Project 215, 86,-136 sq.yd. concrete paving at $2.63 per sq. yd., and 42,390 cu.yd. excav. $0.75, etc., total $258,332; from Wright Constr. Co., 211 Flynn Bldg., 9.37 mi. Des Moines Rd. E., Federal Aid Project 216, 110,719 sq.yd. concrete $2.73 and 78,402 cu.yd. excav. at $0.79, etc., total $366,930.

Kan., Atchison — Atchison Co., Dec. 12, from J. Stanton, Leavenworth, fine grading and surfacing 6.211 mi. Federal Aid Project 100, 18 ft., plain concrete $173,717, vibr. concrete $206,952, brick $246,833, also 3.32 mi. Federal Aid Project 112, 18 ft., plain concrete $92,244, vibr. concrete $109,-952, brick $131,201. Noted Dec. 4.

Missouri—State Hy. Dept., Jefferson City, Dec. 19, from C. T. Johnson, Warrensburg, 18 ft. rock asphalt surfacing 5.69 mi. St. Joseph-Gower Rd., Clinton Co. $67,124, 2.423 mi. road frmo Edinburgh west, Grundy Co. $31,853, 18 ft. penetration macadam surfacing 3.975 mi. St. Joseph-Gower Rd., Clinton Co. $45,086, 2.423 mi. road from Edinburgh west, Grundy Co. $31,853, grading and 18 ft. asphaltic concrete surfacing 2.423 mi. road from Edinburgh west, Grundy Co. $66,158; from Maley & Rixey, Kansas City, grading and 18 ft. penetration macadam surfacing 1.715 mi. St. Joseph-Gower Rd., Clinton Co. $40,378, grading 3.975 mi. same road $55,891; from Talbert Bros., Fordland, grading 4.178 mi. road from Licking north, Dent Co. $25,863, 3.642 mi. road from Salem south, Ralls Co. $15,-097, from E. F. Eberhardt Paving Co., Salina, Kan., 5.766 mi. Hannibal-St. Joseph Rd., Ralls Co. $32,333; from Summerfield-Jones Co., Billings, 3.668 mi. road from

Streets and Roads (Continued)

Salem south, Dent Co. $28,519, 3.875 mi. road from Ava west, Douglas Co. $41,769, two 10 ft. rein.-con. slab spans, etc., over Dry Run Creek, $2,108, three 12 ft. rein.-con. slab spans, etc., over Licking Creek, $2,724, both Texas Co.; from M. Haase, St. Joseph, grading 3.678 mi. Kansas City-St. Joseph Rd., Platte Co. $32,299, from H. C. Botsford, Lawrence, Kan., 4.73 mi. Kansas City-St. Joseph Rd., Platte Co. $49,668; from J. Stanton, Leavenworth, Kan., 18 ft. concrete surfacing 5.766 mi. Hannibal-St. Joseph Rd., Ralls Co. $70,627, 4.374 mi. Hannibal-Ely Rd., Marion Co. $53,439, from Metropolitan Paving Co., St. Joseph, 5.69 mi. St. Joseph-Gower Rd., Clinton Co., $69,-318; from Stonner & Deering, Chamois, 16 ft. gravel surfacing 2.924 mi. Wellsville-Montgomery City Rd., Montgomery Co. $8,734, from F. Kersting Co., Jefferson City, 2.915 mi. Montgomery City-Wellsville Rd., Montgomery Co. $7,820; from J. A. Kerr, Ozark, 16 ft. chat surfacing 4.116 mi. Aurora East and West Rd., Lawrence Co. $33,825; from J. H. Stephens, Mansfield, 12 ft. gravel surfacing 4.999 mi. Jefferson City-Eldon Rd., Cole Co. $16,859; from Republic Concrete Constr. Co., Republic, two 40 ft. rein.-con. deck girder spans, etc., over Beaver Creek, Douglas Co. $5,029; from Cook-O'Brien Constr., 305 Railway Exch. Bldg., Kansas City, three 20 ft. rein.-con. slab spans, etc., over Owl Creek, Platte Co., $4,863. Noted Dec. 18.

Tex., Brenham—Washington Co., grading and bridging Greenvine Rd., from Womack Constr. Co., Sherman, $30,604. Engrs. est. $33,000. Noted Dec. 11.

Tex., Henrietta—Clay Co., grading and bridging 9.25 mi. State Highway 50, Federal Aid Project 449-A, 26 ft., from J. M. Purvis, Ft. Worth, $66,818. Engrs. est. $104,014. Noted Dec. 11.

Tex., Houston—Harris Co., surfacing Hill St. from Odin Ave. to Hill St. Bridge, from Texas Willite Road Constr. Co., 102 Standard Bldg., bituminous macadam $60,845, brick $74,646.

Tex., Sweetwater — Nolan Co., grading, surfacing with sledged stone base, and crushed rock surfacing with bituminous topping 12.48 mi. State Highway 70, State Aid Project 534, 16 ft., from Sullivan & Davis, Granger, $131,257. Engrs. est. $168,192 incl. material furnished by county, engineering and contingencies. Noted Dec. 11.

Calif., El Cerrito — Improving Lincoln, Oak, Eureka Sts., etc., 240,000 sq.ft. 1.5 in. Warrenite-bituminous on 2.5 in. asphaltic concrete, 15,246 lin.ft. concrete curbing, 26,-221 sq.ft. grading, etc., from A. J. Crocker, 58 2nd St., San Francisco, $79,965.

Calif., Los Angeles—Supervs. Los Angeles Co., from J. Kirst, R. F. D. 4, Box 683, improving Helena St., Impvt. Dist. 81, 1,368 cu.yd. excav. at $0.85 per cu.yd., 2,655 sq. yd. shape roadway $0.09, 2,655 sq.yd. grading, oiling and screen surface $0.50, 1,885 lin.ft. curbing, sidewalks, etc., $0.65; from P. L. Hedricks, 1016 Sanborn Ave., improving Kern Ave., Impvt. Dist. 74, 7,354 cu.yd. excav. $0.55, 8,216 sq.yd. shape roadway $0.09, 2,576 lin.ft. curbs $0.50, 10,350 sq.ft. sidewalks $0.185, 5,957 sq.yd. 5 in. macadam paving $1.20, 2,259 sq.yd. 1.5 in. macadam paving $0.45; from G. R. Curtis, 2440 East 26th St., improving Flower St., Impvt. Dist. 125, 1,688 cu.yd. excav. $0.80, 4,471 sq.yd. shape $0.09, 2,505 lin.ft. curbs $0.65, 12,571 sq.ft. sidewalks $0.20, 4,471 sq. yd. 2 in. Willite top $1.00, 4,471 sq.yd. asphaltic concrete base $1.30, Inglewood Ave., Impvt. Dist. 149, 8,508 cu.yd. excav. $0.80, 28,103 sq.yd. shape $0.09, 10,331 sq.ft. curbs $0.65, 10,622 sq.ft. gutters $0.30, 28,-103 sq.yd. 2 in. Willite top $1.00, 28,103 sq. yd. Willite paving $1.30; from G. H. Oswald, 366 East 58th St., improving Parthenia St., grading $2,535, 126,727 sq.ft. asphaltic concrete $0.156; from Griffith Co., Railway Bldg., improving Palm Springs Dist., 230,538 sq.ft. 1.5 in. Topeka surface on 3.5 in. asphaltic concrete, 55,956 sq.ft. resurfacing, 12,971 lin.ft. curbing, $63,000. Noted Dec. 18.

Calif., San Diego—A. H. Wright, city clk., Dec. 29, from G. R. Daley, 443 Boundary St., improving Ibis, Ingalls, and four other streets, 38,391 sq.ft. 1.5 in. asphaltic concrete on 2.5 in. bituminous at $0.209 per sq. ft., 96,974 sq.ft. 1.5 in. on 2.5 in. asphaltic concrete $0.167, 1,335 lin.ft. concrete curbing $0.67, 2,114 sq.ft. concrete sidewalks $0.23, etc., total $26,051. Noted Dec. 18.

CONTRACTS AWARDED

Massachusetts — Dept. Pub. Wks., Div. Highways, Boston, bituminous macadam paving 21,666 ft. highway in Framingham, Ashland and Holliston, to Lane Constr. Corp., Meriden, $85,599; 2,109 ft. highway, in Whitman, to Powers Bros., 161 Montello St., Brockton, $15,347. Noted Dec. 11.

Massachusetts — Dept. Pub. Wks., Div. Highways, bituminous macadam paving 17,-333 ft. highway in Fairhaven and Mattapoisett, to New Haven Road & Constr. Co., New Haven, Conn., $128,300. Noted Dec. 11.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., grading, curbing and sidewalks on Hobson Ave. to H. J. Mullin Contg. Co., Jamaica Ave. and 144th St., Jamaica, $32,523, 112th St., to Uvalde Asphalt Paving Co., 1 Bway., New York City, $18,340; sheet asphalt repaving Astoria Ave., to A. A. Johnson Corp., Queens Blvd., $40,235, Bway., to W. P. McDonald Co., 17 West 42nd St., New York City, $36,475. Noted Jan. 1.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., Queens Subway Bldg., to Highway Impvt. & Repair Co., 501 Bloomfield Ave., Montclair, N. J., Jackson Ave. $117,373; to Sicilian Asphalt Paving Co., 41 Park Row, New York, recurbing, reflagging and paving 14th Ave., $16,568; to Uvalde Asphalt Paving Co., 1 Bway., New York City, grading, curbing and sidewalks on 92nd St. $10,817, permanent paving 104th St. $38,005. Noted Jan. 1.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., sheet asphalt repaving Lexington and 5th Aves., to W. J. Fitzgerald, 547 West 45th St., $33,903 and $5,712 respectively. Noted Jan. 1.

W. Va., Harrisville—Ritchie Co. improving 2.52 mi. Pullman-Auburn Rd., in Union Dist., to Goff & Hoskins, Goff, $26,342.

Alabama—State Hy. Dept., Montgomery, **(e. e. means engineers estimate)**, gravel surfacing 12.6 mi. Greenville-Wedgworth Rd., 18 ft., Hale Co., to E. L. Ellis, Gainsville, $94,855, e. e. $95,000; grading and gravel surfacing 15 mi. Davenport-Ft. Deposit-Montgomery Co. line Rd., 18 ft., Lowndes Co., and 9 mi. Monroeville-Camden Rd., 18 ft., Monroe Co., to N. Giddens, Troy, $214,431 and $86,289 respectively, e. e. $215,000 and $86,500 respectively; asphalt and chirt surfacing 7.16 mi. Florence-Killen Rd., 18 ft., Lauderdale Co., to Uvalde Paving Co., Insurance Bldg., Dallas, Tex., $199,525, e. e. $200,000. Noted Nov. 20.

From Chicago

"Construction is not slowing down in Chicago or Illinois; rather it is booming along much better than last winter. Next year, from reports, rumors, etc., will be bigger and better than 1924. There is $200,000,000 worth of work on which plans are already drawn, and this figure does not include the smaller flat and apartment buildings. Chicago is set for a big and prosperous year, with the brakes off and the foot on the gas."

Construction News Correspondent

Ala., Bessemer—See "Buildings-Industrial under Proposed Work."

Miss., De Kalb—Kemper Co., grading, surfacing, etc., 8.907 mi. Federal Aid Project 107-A, to Meyer & Greenwald, Meridian, Miss., $99,347. Noted Dec. 4.

Miss., Cleveland — Hushpuckana D. D., main ditches, to G. S. Funk, Shelby, and plow ditches, to Stokes Bros. & Co., Waterloo. Work involves 173,936 cu.yd. excav. Noted Dec. 11.

La., Alexandria — Rapides Parish, hardsurfacing, etc., 1 mi. Alexandria-Leesville Rd., to A. J. Singletary, Oakdale, $21,645; and 5 mi. Selper Rd. to A. M. Wilks, Alexandria, $18,649.

La., Baton Rouge — Improving various streets, 17,272 sq.yd. hardsurface on concrete, 11,290 ft. curb and gutter, etc., to E. J. Deas, Monroe, $60,400.

La., Bossier City — Bd. Comrs. Gravity Dist. 1, excavating about 50 mi. canal in Bossier Parish, to Howard Kenyon Dredging Co., 3603 McKinney Ave., Houston, Tex., $314,169; cleaning out right of way of canal, to Douglas, Buchanan & Crow, Shreveport, $43,200.

Tennessee—State Dept. Hyds. & Pub. Wks., Nashville, making surveys grading and probably gravel surfacing, 7 mi. road from State Aid Project 187-A to Savannah 16 ft, J. G. Creveling, highway engr.

Wis., Milwaukee—Bd. Pub. Wks., improving 1st Ave. between Mitchell and Maple Sts., 1,627 sq.yd. asphaltic concrete resurfacing, etc., to White Constr. Co., 68 Wisconsin St., $3,803; Albert Pl. between Louis and Green Bay Aves., 4,242 sq.yd. vibrolithic concrete paving, 6,041 cu.yd. excav., 14,786 sq.ft. concrete sidewalks, etc., to J. C. Bluhm & Sons, 1298 Achilles Pl., $18,587; Lapham St. between 18th and 19th Aves., 1,296 sq.yd. 7 in. vibrolithic concrete paving, 7,362 cu.yd. excav., etc., to R. Gumz, 831 13th Ave., $8,401.

Ia., Des Moines—Polk Co., to O'Rourke Eng. & Constr. Co., 1215 Mulberry St., grading, paving, etc., 7.3 mi. Johnston Station Rd., Federal Aid Project 215, 86,136 sq.yd. concrete at $2.63 per sq.yd., 42,390 cu.yd. excav. $0.75, etc., total $258,333; to Wright Constr. Co., 211 Flynn Bldg., 9.37 mi. road from Des Moines East, Federal Aid Project 216, 110,119 sq.yd. concrete $2.73, and 78,402 cu.yd. excav. $0.79, etc., total $366,930. Noted Jan. 8.

Kan., Burlingame — Improving Federal Aid Project 266-B, to M. M. Penny Constr. Co., Ponco City, Oklahoma, $86,975.

Kan., Junction City—See "Bridges."

Kan., Lyndon—Osage Co. grading, etc., 4.842 mi. Federal Aid Project 266-A, to Holman & Kanode, Topeka, $15,509; culverts, to Gruneman & Son, Metawaka, $14,-387. R. Hopper, Lyndon, engr.

Kan., Winfield—Cowley Co., grading, etc., 7.185 mi. Federal Aid Project 230-A and B, to Maney Bros. & Co., Oklahoma City, Okla., $28,088. Noted Nov. 27.

N. D., Bismarck—Burleigh Co., paving, etc., 2.384 mi. Federal Aid Project 244, 15,-391 cu.yd. earth and 220 cu.yd. rock excav., 8,520 cu.yd. overhaul, etc., to Haggart Constr. Co., Fargo, $123,365. F. J. Johnson, co. aud.

Mo., St. Louis—Bd. Pub. Serv., 208 City Hall, to Webb-Kunze Constr. Co., 5927 Fyler Ave., asphalt on concrete surfacing Louisville St. $33,221; to Granite Bitulithic Paving Co., Railway Exch. Bdlg., Warrenite on concrete paving Davison St. $26,491, Emerson St. $29,111, Thomas St. $25,341, Varrelman St. $5,772; to Blackburn-Crean Constr. Co., Chouteau Trust Bldg., concrete paving, etc. Hoffman St. $13,736, granite recut block repaving, etc. Arsenal St. $22,120. Noted Nov. 27.

Arkansas—State Hy. Dept., Little Rock, grading, bridging etc. 12.19 mi. Federal Aid Project 183-D and G, 18 ft., Dist. 4, Lee Co., to W. H. Denison, Cushman, $63,238. This corrects report in Nov. 27 issue.

Tex., Alice—Jim Wells Co., grading and bridging 16.1 mi. State Highway 12, 26 ft. shoulder to shoulder, to Armstrong & Armstrong, Roswell, N. M., $93,389, engrs. est. $108,550; grading 14.42 mi. State Highway 12, 26 ft., to D. H. Buchanan, Temple, $25,907, bridge on same, to Armstrong & Armstrong, Roswell, N. M., $35,205, engrs. est. $72,000. Noted Dec. 25.

Tex., Jacksboro—Jack Co., **(e. e. means engrs. est.)**, to Haden & Austin, Santa Fe and Runnels Sts., Houston, surfacing with sledged stone and bituminous macadam topping 16.94 mi. State Highway 24, Federal Aid Project 437-B, 17 ft., $185,214, e. e. $213,500, 16.68 mi. State Highway 24, Federal Aid Project 441-A, 18 ft., $179,385, e. e. $196,404; grading, surfacing with asphaltic macadam on sledged stone and bridging 17.38 mi. State Highway 39, 18 ft., $273,350, e. e. $311,962. Noted Jan. 1.

Tex., Palestine—Anderson Co., grading and surfacing with local material, etc., 10.7 mi. Palestine-Tennessee Colony Rd., 16 ft., and 15 mi. Palestine-Rusk Rd., 16 ft., to N. M. George Constr. Co., Dubach, La., $58,-483 and $64,787 respectively. Engrs. est. $80,000 and $115,000 respectively. Noted Dec. 25.

Tex., San Benito—J. S. Brown, mayor, 5 in. concrete paving 66,000 sq.yd. portions of Sam Houston, Reagon, Crockett, Dick, Bowling, Travis and Bowie Sts., to Harris, Spaulding and Ranney, San Antonio, $2.48 per yd. Engrs. est. $150,000. Noted Nov. 20.

Tex., Seymour—Baylor Co., grading and bridging 14.47 mi. State Highway 30, Federal Aid Project 452-A, 26 ft., to Bucy & Childs, Rising Star, $31,144. Engrs. est. $42,234. Noted Jan. 1.

Tex., Seymour—Baylor Co., grading and bridging 12.72 mi. State Highway 24, Federal Aid Project 455-A, 26 ft., to McClellan & Stroup, Wichita Falls, $39,536. Engrs. est. $44,000. Noted Jan. 1.

Streets and Roads (Continued)

Tex., Vernon—Wilbarger Co., grading, rein.-con. paving and bridging 5.26 mi. State Highway 5, 18 ft., to J. P. Foty, Vernon, $157,675. Noted Jan. 1.

Oklahoma — State Hy. Dept., Oklahoma City, grading, etc., 5 mi. State Aid Project 90, Garfield Co., 73,164 cu.yd. earth and 815 cu.yd. rock excav., 56,383 cu.yd. borrow, 61,667 lb. reinforcing, etc., to Garfield County Constr. Co., Enid, $30,770, engrs. est. $35,000; grading and surfacing 1.487 mi. State Aid Project 67, Tulsa and Pawnee Counties, 16,498 sq.yd. concrete, 4,851 cu.yd. earth and 729 cu.yd. rock excav., 1,968 cu.yd. borrow, 17,017 lb. reinforcing, etc., to Pearce & Hansen, Edmond, $44,180, engrs. est. $50,000.

Okla., Clinton — Grading and surfacing Frisco Ave., 5,300 sq.yd. asphalt (Willite process) on 5.5 in. black base, to Western Paving Co., Tradesmens Natl. Bank Bldg., Oklahoma City, at $3.40 per sq.yd., total approximately $65,000. This corrects report in Dec. 11 issue.

Calif., Glendale—To E. L. Fleming, 114A South Brand Blvd., improving Verdugo Canyon Rd., etc., 56,740 sq.ft. grading at $0.02 per sq.ft., 4,672 sq.ft. 5 in. concrete paving $0.22, 6,056 sq.ft. 5 in. oil macadam paving $0.13, 22,660 sq.ft. 3 in. oil macadam paving $0.105, etc., total $27,361.

Calif., Huntington Park—City Trustees, paving, etc., Walnut St., 1.5 in. Topeka on 3.5 in. asphaltic concrete, to G. M. Souter, 410 9th St., Huntington Beach, $27,675. Noted Oct. 9.

Calif., Los Angeles — For 8 in. concrete paving, oiling and rolling Central Ave., to Chalmers & Ford, H. W. Hellman Bldg., $43,362; asphalt on bituminous paving, curbing, guttering, etc., New Hampshire Ave., and asphalt paving, curbing and guttering, etc., Van Ness Ave., to G. R. Curtis Co., Inc., 2440 East 26th St., $12,469 and $12,225 respectively.

Calif., Los Angeles — Supervs. Los Angeles Co., grading, concrete paving, etc., 35,767 sq.yd. Durfee Ave., Impvt. Dist. 254, to T. W. Oglesby, 423 Edgewood Ave., Santa Ana, $44,757. Noted Dec. 25.

Calif., Santa Monica — Improving Montana Ave., to Kneen Paving Co., Dudley Block, Santa Monica, 408,407 sq.ft. grading at $0.04 per sq.ft., 408,407 sq.ft. warrenite on asphaltic concrete paving $0.193, etc., total $107,255. Noted Dec. 18.

Calif., Signal Hill (Burnett P. O.)—For 2 in. Willite on 4 in. asphaltic concrete surfacing Burnett and Cherry Sts., etc., to G. R. Curtis, 2440 East 26th St., Los Angeles, $68,220.

Buildings—Industrial

PROPOSED WORK

Mass., Everett (Boston, P. O.)—Plant—Beacon Oil Co., 111 Devonshire St., Boston, plans 2 and 3 story addition Beacham St., here. $50,000. Engineer and architect not selected.

N. Y., Albany—Plant—J. B. Lyon Co. plans printing plant. $1,000,000. Engineer and architect not selected.

N. Y., Buffalo — Plant — Amer. Lithographic Co., 601 Amherst St., does not plan to enlarge plant. This corrects report in Dec. 18 issue.

Pa., Brockwayville — Plant — Bradford Brick & Tile Co., Bradford, making preliminary plans various buildings for plant, here. $2,000,000. D. B. Hendryx, c/o owner, engr.

Ga., Atlanta—Bakery—Natl. Biscuit Co., 467 Wall St., J. M. Cooper, dist. sales mgr., having tentative plans prepared bakery, 375 ft. front, East Hunter Hill and Fort Sts. along Georgia R.R. tracks, with switching for 25 cars. $1,000,000.

Ala., Bessemer — Plant — Harbinger-Walker Refractories, Farmers Bldg., Pittsburgh, Pa., soon lets contract clay products plant on 32d St. from 5th to Arlington Aves., here. $500,000. Excavation contract awarded to Bessemer Eng. Constr. Co., Bessemer, $26,000. Noted Oct. 16.

La., Mansura—Plant—See "Waterworks."

Tenn., Memphis—Roundhouse, Storage, etc.—Louisville & Nashville R.R. Co., 60 North Main St., A. B. Scates, supt., having plans prepared improvements in Leewood yards, incl. new round house, trackage, storage, etc. $150,000. W. H. Courtnay, ch. engr.

O., Canton—Factory—United Alloy Steel Corp., 1949 Harrison Ave., S. W., plans two 1 story brick and steel factory buildings. $100,000. G. H. Charls, genl. mgr.

O., Cleveland—Factory and Warehouse Sterling Brass Co., S. Weil, pres., 9600 St. Catherine Ave., having plans prepared by A. Sogg, 3030 Euclid Ave., 2 story and basement, 40x125 ft., brick, steel and concrete, St. Catherine Ave. $75,000. Noted Oct. 9.

O., Cleveland—Plant—Brooks Co., J. Caldwell, pres., 715 Superior Ave., having preliminary plans prepared by W. S. Lougee, 500 Marshall Bldg., 4 story and basement, 108 x 132 ft., rein.-con. and brick printing plant, 1240 Oregon Ave. $300,000.

O., Youngstown — Storage Plant — Youngstown Cold Storage Co. plans 6 story, 132 x 165 ft. plant, 908-912 West Rogers Ave. $300,000.

Mich., Detroit—Plant—G. B. Bright Co., engrs., 2615 12th St., preparing plans 4 story and basement, cold storage plant, rein.-con., brick and steel, plain foundation. $1,000,000. Owner's name withheld.

Mich., River Rouge—Plant—Ford Motor Co., Highland Park (Detroit P. O.), having plans prepared by A. Kahn, 1000 Marquette Bldg., Detroit, 1 and 2 story, 140 x 400 ft., rein.-con., steel and brick plant, here.

Wis., Waupun—Factory—F. J. Stepnoski, archt., Forest Ave., Fond du Lac, rejected bids for superstructure 2 story and basement, 40x76 ft., brick and timber, North Water St., for Teeple Shoe Co., c/o H. M. Larson, mgr. $40,000. Will readvertise. Noted Dec. 25.

Ia., Des Moines—Creamery—Northland Milk & Ice Cream Co., 11 West 28th St., Minneapolis, Minn., B. B. Nelson, secy., purchased site and having preliminary sketches made 2 story and basement, rein.-con. and brick, 6th St. and Grand Ave., here. $75,000. Engineer and architect not announced.

Mo., St. Joseph—Plant—Defeated $300,000 bonds for light plant. Noted Dec. 11.

Tex., Brownfield—Plant—W. H. Allen, mgr. Texas Utilities Corp., making plans ice plant. $50,000. Private plans.

Tex., Kingsville—Plant—J. M. Glover, archt., Bankers Mortgage Bldg., Houston, soon takes bids addition to ice plant, brick and steel, for Kingsville Com. Co. $42,000.

Tex., Trinidad — Plant — Texas Public Utilities Co., Interurban Bldg., Dallas, and Southwestern Power & Light Co., 71 Bway., New York City, having plans prepared power plant, 40,000 kw. steam operated plant on Trinity River, final capacity 150,000 kw., will develop adjacent lignite land for fuel supplies, near here. Private plans.

Tex., Victoria—Cold Storage—R. E. Hill (Hill Grain Co.), making plans 1 story, cold storage plant, incl. machinery. $40,000. Private plans.

Okla., El Reno—Mill—El Reno Milling Co. having preliminary plans prepared by K. E. Humphrey, 7 story, 42 x 103 ft., rein.-con., plain foundation, incl. 6 storage tanks, etc., Railroad St. $225,000.

Okla., Sand Springs—Shop—Sand Springs Ry. Co., making preliminary plans rebuilding 1 story, 110 x 260 ft., timber, plain foundation, to replace one recently destroyed by fire. $200,000. C. O. Tingley, Sand Springs, ch. engr.

Colo., Denver—Victory Laundry & Cleaning Co., Denver, plans plant. $250,000-$300,000. M. O. True, pres.

Calif., Hayward—Plant—K. Scoville, 625 Bway., Oakland, plans metal and glass motion picture plant. To exceed $150,000.

Calif., Los Angeles—Shop and Loft—C. E. Taberman, 6763 Hollywood Blvd., having plans prepared by Morgan, Walls & Clements, 1124 Van Nuys Bldg., 4 story, 31 x 135 ft., rein.-con., steel, terra cotta and tile, Hollywood Blvd. To exceed $150,000.

Calif., Los Banos—Power house—See "Excavation, Drainage, Irrigation, Levees."

Calif., Santa Barbara—Plant—Puritan Ice Co. plans approximately 100 x 100 ft. addition, 5,000 ton capacity. $75,000.

Ont., Highgate—Garage—G. H. Luther, plans rebuilding garage and repair shop, recently destroyed by fire. $40,000.

Ont., London—Hunt Milling Co., plans rebuilding mills, recently destroyed by fire. $750,000. Prices wanted on materials. J. I. A. Hunt, pres.

BIDS DESIRED

Mass., Lynn—Repair and Service Garage—R. T. Pender, 41 Sutton St., taking bids 1 story, 50 x 160 ft., brick and tile, Washington St. $40,000. Sanborn & Weed, 38 Exchange St., archts. Noted Dec. 4.

Mass., Winthrop — Repair and Service Garage—F. Piscopp, 1957 Commonwealth Ave., Brighton, taking bids 1 story, 55 x 100 ft., rein.-con. and brick, Magees Corner, here. $40,000. A. J. Halfenstine, 143 Washington St., Brookline, archt.

Pa., Phila.—Brew and Mill House—Jan. 12, by C. E. Wunder, archt., 1525 Locust St., 5 and 6 story, 58 x 90 ft., rein.-con. and brick, plain foundation, for J. Fleming, 2125 West Clearfield St. $200,000.

Pa., Phila.—Plant—Conkling-Armstrong Terra Cotta Co., Denckla Bldg., will build 3 story and basement, 50 x 128 ft., rein.-con. and brick, plain foundation, Wissahickon Ave. near Hunting Park. $40,000. Work will be done by separate contracts. Private plans.

O., Cleveland — Factory — General Glass Co., c/o I. Copperstein, 6009 Carnegie Ave., taking bids 1 and 2 story 96x201 ft., brick and steel, 10,626 Cedar Ave. $75,000. L. Skolnik, Sixth-St. Clair Bldg., archts.

CONTRACTS AWARDED

Mass., Boston—Boiler House and Garage—Eastern Steam Laundry, 941 Massachusetts Ave., 1 and 2 story, 65 x 95 ft., brick and steel, Massachusetts Ave., to McNally Constr. Co., Framingham. Archts. est. $700,000. Noted Dec. 18.

Mass., East Northfield—Laundry—Hotel Northfield, 1 and 2 story and basement, brick laundry, to Hoyt Constr. Co., 85 Dartmouth St., Holyoke. Archts. est. $40,000.

Mass., Wellesley—Laundry—Lake Waban Laundry Co., 2 and 3 story, rein.-con. and brick, Central St., to Austin Co., 217 Bway., New York City.

R. I., Pawtucket—Factory—Darlington Textile Co., Hughes Ave., 3 story, 80 x 100 ft., brick addition, plain foundation, Hughes Ave., to Rowley Constr. Co., 260 Central Ave. Archts. est. $90,000.

Conn., Rockville—Millstorage—Hockanum Mills Co., F. T. Maxwell, pres., 1 story, 66x80 ft., brick, steel and timber, East Main St., to H. Wales Lines Co., Meriden. Archts. est. $50,000.

N. J., Trenton—Plant—W. and J. Sloane, 5th Ave. and 47th St., New York City, design and construction of plant, here, to Lockwood, Greene & Co., 1 Pershing Sq., New York City. Noted Nov. 6.

Pa., Phila.—Factory—Simplex Valve & Meter Co., 112 North Broad St., 1 story and basement, 90 x 175 ft., brick and steel, plain foundation, 68th and Woodland Sts., to Curtis Grimrod Co., 10 South 18th St. Noted Dec. 11.

Pa., Pittsburgh—Factory and Warehouse—Penna Lubricating Co., 34th and Smallman Sts., will build 3 story, 72 x 120 ft. factory and warehouse, 33rd St., by day labor. $50,000. J. Breslove, Oliver Bldg., engr.

Pa., Winburne—Plant—Highland Brick & Tile Co., general contract 1 story, 34 x 76 ft., 40 x 40 ft. and 32 x 80 ft. addition, to E. A. Hess, Winburne. Archts. est. $50,000.

Ga., Griffin—Mill, etc.—W. F. Ingram and associates, Highland Mills, 3 story, 108 x 355 ft., brick, steel and cast iron mill, 83,000 sq.ft. floor space, to Fiske-Carter Constr. Co., Greenville, S. C. Plans also warehouse, 10,000 sq.ft. floor space, boiler house, pump house and reservoir. J. E. Sirrine & Co., Greenville, S. C., engrs.

O., Cleveland—Garage and Factory—J. N. and L. Galvin, Society for Savings Bldg., 3 story and basement, 69 x 100 ft., brick and steel, East 69th St. near Euclid Ave., to J. L. Hunting Constr. Co., Discount Bldg. Archts. est. $100,000.

O., Fostoria—Factory—Natl. Carbon Co., A. V. Wilker, genl. supt., West 117th St. and Madison Ave., Cleveland, 1 story and basement, 65x170 ft., brick, steel and concrete, here, to H. K. Ferguson Co., 4900 Euclid Ave., Cleveland. Archts. est. $40,000.

Wis., Fond du Lac—Foundry—H. Poppert & Son Co., Dana Bldg., 1 story, 62x100 ft., brick, plain foundation, Park Ave., to Immel Constr. Co., Dana Bldg. Archts. est. $40,000.

Wis., Milwaukee—Shop—Maynard Electric Steel Castings Co., Kilburn Rd., will build 2 story, 77 x 100 ft., brick and steel, plain foundation, Kilburn Rd. by day labor. $50,000. Gurda & Gurda, 448 Mitchell St., archts. Noted Dec. 18.

Mo., St. Louis — Grease House — W. Waltke & Co., 161 East Grand Ave., will build 2 story and basement, 92 x 97 ft. grease house for soap works, brick and concrete, Grand Ave., by day labor, under supervision of A. Meyer, archt., Central Natl. Bank Bldg.

Tex., Dallas—Power Plant—Dallas Power & Light Co., c/o J. H. Gill, assistant genl. mgr., 216 Interurban Bldg., will build 80 x 150 ft. power plant, 80 ft. high, rein.-con., steel, brick and stone, incl. equipment, by day labor. $2,500,000. Private plans.

Calif., Long Beach—Plant—Peoples Ice & Cold Storage Co., Alamitos St., 2 story and basement, 55 x 110 ft., brick, East Anaheim St., to W. J. Burgin, Pacific Southwest Bldg., Los Angeles, $45,000. Noted Dec. 4.

Buildings—Industrial (Continued)

Calif., Los Angeles—Factory—Natl. Biscuit Co., 1225 East 6th St., 7 story and basement, 195 x 251 ft., brick and steel, Mateo and Industrial Sts., to Pozzo Constr. Co., 421 Macy St., approximately $1,000,000. Noted Nov. 13.

Calif., Los Angeles—Plant—Globe Ice Cream Co., 230 West Jefferson St., will build 2 story, approximately 50 x 152 ft., rein.-con. annex, Hill and Jefferson Sts., by day labor. Archts. est. $150,000. Noted Nov. 13.

Calif., Pasadena — Steam Laboratory — California Institute of Technology, 1201 East California St., 2 story, 50 x 140 ft., Class A construction, East California St., to W. C. Crowell, Security Bldg., Los Angeles, approximately $50,000. Archts. est. $100,000.

Calif., Los Angeles—Factory and Warehouse—W. C. Hendrie & Co., Inc., 340 Crocker St., 2 story (ultimately 4 story), and basement, 55 x 100 ft., rein.-con. and hollow tile, East 4th and Towne Sts., to Hamm & Grant, Inc., 607 Ferguson Bldg. $40,000.

Ont., Hamilton — Factory — Dominion Glass Co., addition to factory, to W. H. Cooper, Clyde Bldg.; steel work, to Hamilton Bridge Wks., Hamilton. Engrs. est. $45,000.

Buildings—Commercial

PROPOSED WORK

Me., Boothbay Harbor—Hotel—Boothbay Hotel Co., c/o T. H. Stevens, having plans prepared by Gibbs & Pulsifer, 14 Lisbon St., Lewiston, for hotel. $350,000.

N. H., Concord—Society—Bek Tash Temple having plans prepared by C. R. Whitcher, 814 Elm St., Manchester, and takes bids after Jan. 20, at architects office, 3 story and basement, 100 x 150 ft., rein.-con., Main St. $250,000.

N. H., Lebanon—High School—Bd. Selectmen having sketches made by Larson & Wells, Hanover, 2 story and basement, brick and tile high school. $150,000.

Vt., Saxtons River — Church — Roman Catholic Diocese, Burlington, plans church, here. $150,000. Engineer and architect not selected.

Mass., Boston — Apartment — Sixty-Five Commonwealth Ave. Trust, c/o McLaughlin & Burr, archts., 88 Tremont St., having plans prepared 7 story and basement, 60 x 105 ft., brick and limestone, 65 Commonwealth Ave. $300,000.

Mass., Boston—Bank and Office—National City Co. of Boston, 10 State St., having sketches made by W. D. Austin, 120 Boylston St., altering bank and office building, at 30 Congress St. To exceed $150,000.

Mass., Boston—Club and Society—McLaughlin & Burr, archts., 88 Tremont St., Boston, taking bids and open same about Jan. 9, 13 story and basement, 116 x 117 x 170 ft., brick and limestone, Tremont St., near Hollis St., for Boston Lodge of Elks, D. J. Kane, chn. Building Comn., 10 Somerset St. $3,000,000.

Mass., Boston — Community — Temple Israel, c/o H. Levi, and F. Vorenberg, 602 Commonwealth Ave., having sketches made by McLoughlan & Burr, 88 Tremont St., 3 story, brick and stone, Longwood Ave., off Fenway St. $150,000.

Mass., Boston—Office—A. B. C. Elevator Co., 82 Devonshire St., having plans prepared by C. J. Warren, 12 Everett Ave., Winchester, 6 story and basement, rein.-con., brick and steel, Stuart and Warrenton Sts. To exceed $150,000.

Mass., Boston—Store and Office—Majestic Realty Co., c/o C. T. Olson, archt., 101 Main St., Brockton, having plans prepared 1 story and basement, 90 x 175 ft., rein.-con., brick and cast stone, Wales Ave. and Main St. $150,000.

Mass., Bridgewater—Schools—State Dept. Educ., State House, Bosotn, plans 3 schools replacing those destroyed by fire, at State Normal School, here. $1,000,000. G. Lowell, 12 West St., Boston, archt. Noted Dec. 25.

Mass., Brighton (Boston P. O.) — Memorial Chapel—St. Elizabeth's Hospital, Cambridge St., having plans prepared by E. T. P. Graham, 171 Newbury St., Boston, 1 story and basement, 50 x 125 ft., brick and stone, Cambridge St. $150,000.

Mass., Brighton (Boston P. O.)—School—School House Dept., Boston, having sketches made by O'Connell & Shaw, 134 Newbury St., Boston, 2 story and basement, brick and stone school, Bennet Dist., here.

Mass., Cambridge (Boston P. O.)—Apartment—A. Bennett, c/o Central Garage, Green St., and I. M. Kramer, 431 Putnam Ave., plans 3 story, brick and stone, Chestnut and Magazine Sts. $200,000. Engineer not selected.

Mass., Cambridge (Boston P. O.)—Fraternity House—Segma Fau Chapter House Assn., c/o F. A. Burton, archt., 240 Boylston St., Boston, having plans prepared 4 story and basement, brick, Charles River Rd. $150,000.

Mass., Dalton — School — City, E. H. Pierce, chn. Building Com., plans high and grade school, 1st St. and Glennon Ave. $150,000. Engineer and architect not selected.

Mass., Danvers — Store and Office — B. Bezek, 247 Campbell Ave., Revere, plans store and office building, Old Berry Tavern, here. To exceed $150,000. Engineer and architect not selected.

Mass., Framingham — Apartment — L. Flax, c/o Whitten & Gore, archts., 31 Milk St., Boston, having preliminary plans prepared, 4 story and basement, brick and stone, plain foundation, Dennison Ave. $150,000.

Mass., Hamilton—Church—Christ Episcopal Church, having preliminary plans prepared by C. C. Coveney, 184 Boylston St., Boston, 1 and 2 story church. $150,000.

Mass., Millbury — School — Immaculate Conception Parish having plans prepared by O. E. Nault, 43 Hamilton St., Worcester, 2 story and basement, 75 x 105 ft., brick and stone, plain foundation. $150,000.

Mass., Newton—High School—Dept. Pub. Buildings, having plans prepared by Haven & Hoyt, archts., and F. W. Deering, associated archt., both 220 Devonshire St., Boston, 4 story and basement, 2,000,000 cu.ft. floor space, rein.-con., brick and stone, plain foundation, Walnut St. $1,000,000.

Mass., Newton—High School—Dept. Pub. Buildings having preliminary plans by H. Ripley, 45 Bromfield St., Boston, Junior High School, rein.-con., brick and stone, plain foundation, Washington St., Auburndale Dist. $550,000.

Mass., Springfield — School — City Property Com., having plans prepared by M. W. Maloney, 23 Pearl St., 2 story and basement, 60 x 158 ft., brick and steel, Bowles Park. $150,000.

Mass., West Medford (Boston P. O.)—Syndicate, c/o Tuck & Co., archts., 636 Warren St., Roxbury, having plans prepared 4 story and basement, 75 x 300 ft, rein.-con., brick and stone, plain foundation, here. $500,000. J. L. Roberts, 101 Tremont St., Boston, engr.

Mass., Weymouth—Hospital—Bd. of Hospital Comn., G. E. Emerson, treas., plans memorial hospital in memory of L. Pratt. To exceed $150,000. Engineer and architect not selected.

Mass., Woburn — Church — First Baptist Church Society, c/o J. E. Vassar, pastor, plans church, Winn and Park Sts., replacing one recently destroyed by fire. $200,000. Engineer and architect not selected.

Mass., Woburn—Store and Office—Corporation, c/o F. H. Gowing, archt., 101 Tremont St., Boston, having revised plans prepared, 2 story and basement, 40 x 180 ft., rein.-con. and brick, Federal St., here. $150,000. Former bids rejected. Noted Nov. 6.

R. I., Bristol—School—City having plans prepared by Clarke & Howe, 1208 Turks Head Bldg., Providence, Guiteras School, Washington St. $250,000.

Conn., New Haven—Office—L. J. Whiteside, 70 Grove St., having plans prepared by Orr & Del Grella, 956 Chapel St., 8 story and basement, 34 x 100 ft., brick and steel, Church and Grove Sts. $150,000.

N. Y., Brooklyn — Apartment — Kew Court Corp., c/o Slee & Bryson, archts., 154 Montague St., soon takes bids 6 story, brick, steel and stone, plain foundation, East 22nd St. $175,000.

N. Y., Buffalo—Hotel—Worth Trish, 944 Lafayette Ave., plans 10 story, 50 x 175 ft., rein.-con., brick and steel, Main St. $800,000. Engineers and architects name withheld.

N. Y., New York—Apartment—Seventy-Fifth St. Holding Corp., c/o Schwartz & Gross, archts. and engrs., 347 5th Ave., having plans prepared 9 story, brick, steel and stone, plain foundation, 111 East 75th St. $375,000.

N. Y., New York—Apartment—Seventy-Sixth St. and Bway. Corp., c/o R. T. Lyons, archt., 342 Madison Ave., having plans prepared 15 story, 102 x 122 ft., brick, steel and stone, plain foundation, 235 West 76th St. $1,500,000.

N. Y., New York—School—Bd. Educ., 500 Park Ave., having plans prepared by W. H. Gompert, archt. and engr., Flatbush Ave. extension and Concord St., Brooklyn, 4 story, brick, steel and stone, plain foundation, Wales Ave. $650,000.

Pa., Dormont — Storage Warehouse — Haugh & Keenan, 5911 Center Ave., Pittsburgh, having revised plans prepared by Hunting & Davis Co., Century Bldg., Pittsburgh, 6 story and basement, 97 x 100 ft. storage warehouse, here. $150,000.

Pa., Greensburg—Theatre—Manos Bros., 15 West Otterman St., having plans prepared by L. H. Lempert & Son, 149 Cutler Bldg., Rochester, N. Y., 2 story and basement, 80 x 150 ft., brick and tile, West Otterman St. $300,000.

Pa., Milton—Church, etc.—Zion Lutheran Congregation, having plans prepared by J. C. Fulton & Son, Thompson Ruby Bldg., Uniontown, 2 story and basement, 80 x 140 ft., brick and tile church and Sunday school. $160,000.

Pa., Phila.—High Schools—Bd. Educ., plans 2 Junior High Schools, one at 26th and Sergeant Sts., and other at 19th and Hunting Park Ave.; also Senior High School, 65th and Oakwood Ave., $2,000,000, all rein.-con. and brick, plain foundations. Private plans.

Pa., Phila. — Theatre — Stanley Co. of America, 1916 Race St., having plans prepared by Hoffman-Henon Co., Finance Bldg., theatre, Frankford Ave. and Griscom St. $2,000,000.

Pa., Pittsburgh—Church—German Evangelical Protestant Church, c/o J. Dimling, having plans prepared by H. H. Hornbostel, archt., and Eric Fisher Wood Co., associated archts., both Wood and Oliver Sts., 3 story and basement, 70 x 110 ft., stone, Smithfield St. and Strawberry Alley. $500,000.

Pa., Pittsburgh — Nurses Home — Mercy Hospital, Pride St., having plans prepared by E. Stotz, Monongahela Bank Bldg., 9 story and basement, 100 x 250 ft., brick and steel, Allies Blvd. and Stevenson St. $600,000.

Pa., Uniontown—High School—Bd. Educ. having plans prepared by E. Johnson, Fayette Title & Trust Bldg., 2 story and basement, 142 x 254 ft., brick and tile, Connellsville and Collins Sts. $280,000.

Pa., Uniontown—High School—Bd. Educ. having plans prepared by H. W. Altman, Fayette Title & Trust Bldg., 2 story and basement, 130 x 185 ft., brick and tile, Morgantown St. $280,000.

Md., Baltimore — Apartment — Arcadia Building Corp. c/o J. H. and F. J. Thuman, archts., 2401 Shirley Ave., having revised plans prepared 4 story, 101 x 102 ft., brick, plain foundation, Harford Rd. and Parkside Dr. $200,000.

Md., Baltimore — Apartment — M. Stein, Lake Dr., having plans prepared by B. F. McGuire, 110 West 34th St., New York City, 9 story and basement, 100 x 100 ft., brick, plain foundation, Lake Dr. $500,000.

Md., Hyattsville—High School—Comrs. Prince George Co. having plans prepared by S. Ashford, 1707 I St., Washington, D. C., 3 story, 50 x 120 ft., brick school, plain foundation. $150,000.

Va., Old Point Comfort — Hotel — Old Point Hotel Co. plans 315 room modern hotel on Hampton Roads waterfront, to replace Hotel Chamberlain, recently destroyed by fire. $1,800,000.

W. Va., Moundsville—Bank—First Natl. Bank plans 2 story, 67 x 108 ft. bank, 7th St. $200,000.

N. C., Durham—College—Duke University, (formerly Trinity College), plans new college buildings. $6,000,000. W. P. Few, pres.

Ala., Birmingham — Administration — Miles Memorial College having plans prepared by Tisdale & Stone, Independent Life Bldg., Nashville, administration building. $150,000.

La., New Orleans—Warehouse—Liberty Oil Co., 518 St. Charles St., plans rebuilding 3 story, steel warehouse, Vernon and Rocheblave Sts., recently destroyed by fire. Private plans.

Tenn., Chattanooga—Hotel—Read House, 9th and Broad Sts., S. R. Read, pres., having plans prepared by Holabird & Roche, 1400 Monroe Bldg., Chicago, 328 room hotel addition. $1,250,000.

Tenn., Knoxville—Hotel—Farragut Hotel Co., 526 South Gay St., soon takes bids 100 room, concrete and tapestry brick addition. $200,000. W. L. Stoddart, 50 East 41st St., New York City, archt. Noted Dec. 11.

Tenn., Nashville—Bank and Office—Central Natl. Bank, 300 3rd Ave., N., plans bank and office building. $500,000. Engineer and architect not selected.

Tenn., Nashville—Fraternal and Office—Independent Order of Odd Fellows, W. N. Hannah, secy., making preliminary sketches made 8 story lodge and office building, 119

Buildings—Commercial (Continued)

7th Ave. N. $800,000. C. M. Bishop, 1651 North Parkway, Memphis, grand master. Engineer and architect not selected. Noted Feb. 14.

Tenn., Nashville—Office—Life Casualty Insurance Co., 309 Church St., A. M. Burton, pres., soon takes bids 5 story, 100x118 ft., rein.-con., brick and stone, 147 4th Ave. N. $250,000. Hart & Nevans, Watkins Bldg., archts. Noted Dec. 11.

O., Ashtabula — Dance Hall and Clubhouse—See "Unclassified."

O., Canton—Garage—F. Ebersole, Carrollton, plans 2 story and basement, Walnut and 3rd St. N. E., here. $150,000. T. J. Saltzman, Carrollton, archt.

O., Cleveland—Apartment—W. P. Yelsky, 1515 Glenmont Ave., having sketches made by M. Altschuld, 5116 Woodland Ave., 3 story and basement, brick and timber, Glenmore Ave. $150,000.

O., Cleveland—Infirmary—State, c/o J. E. Harper, dir. Pub. Welfare, Columbus, had plans prepared by H. B. Briggs, Hartman Hotel Bldg., Columbus, remodeling and constructing 4 story and basement, brick, steel and concrete addition to Female Infirmary Building, Turney Rd., here. $165,000.

O., Dayton—Temple—Jefferson St. Synagogue, A. Mayerburg, rabbi, plans 1 story, rein.-con. and stone, Salem Ave. $500,000. W. F. Bennett, Sr., Mutual Home Bldg., archt.

O., East Cleveland (Cleveland P. O.)—Apartment—A. Linsky, 3060 Berkshire Rd., Cleveland Heights, had plans prepared by M. Weis, 617 Union Bldg., Cleveland, 3 story and basement, 65 x 115 ft., brick and steel, 13701 Hayden Ave., here. $150,000.

O., Lakewood (Cleveland P. O.)—Commercial and Office—C. L. Ayres, pres. C. L. Ayres Coal Co., Rockfeller Bldg., Cleveland, having plans prepared by C. W. Hopkinson, Rose Bldg., 2 story and basement, 60 x 130 ft., brick, steel and concrete, Detroit and Cove Aves., here. $150,000.

O., South Charleston—High School—Bd. Educ., having plans prepared by Walker & Norwich, 1301 Amer. Bldg., Dayton, rein.-con. and brick high school. $170,000. F. Baumann, clk. Noted Nov. 27.

O., Youngstown—Detention Home—Mahoning Comrs. having plans prepared by Stanley & Scheibel, Wick Bldg., 3 story and basement, 75 x 110 ft., brick, steel and concrete. $150,000.

Ind., Anderson — Hospital — Prostestant Hospital Assn., Farmers Trust Bldg., having plans prepared by E. F. Miller, Farmers Trust Bldg., 2 story, rein.-con., brick and steel, plain foundation, 8th St. and Chestnut Park Pl. $150,000.

Mich., Detroit—Hotel—Traders Realty Co., 713 Lafayette Bldg., having plans prepared by G. Wadham, Jr., 713 Lafayette Bldg., 8 story and basement, about 50 x 100 ft. rein.-con., brick and steel, plain foundation, Putnam and 3rd Aves. $500,000.

Mich., Detroit — Jail — Auditors Wayne Co., County Bldg., having plans prepared by A. H. Gould & Son, 602 Empire Bldg., 8 story and basement, rein.-con., brick, steel and stone, plain foundation. $3,500,000.

Mich., Detroit—Mercantile—Sillman Estate, c/o Weston & Ellington, archts., 1507 Stroh Bldg., having plans prepared 3 story and basement, 100 x 100 ft., rein.-con., brick and terra cotta, plain foundation, West Grand Blvd. $150,000.

Mich., Detroit—School—Bd. Educ., 1354 Bway. Ave., having plans prepared by McGrath & Page, 2231 Park Ave., 2 story and basement, 100 x 145 ft., rein.-con., brick and steel, plain foundation, Plymouth Rd. $175,000.

Mich., Grosse Pointe (branch of Detroit) —Church — Grosse Pointe Presbyterian Church having plans prepared by W. E. N. Hunter, 2457 Woodward Ave., 2 story and basement, rein.-con., brick, steel and stone, plain foundation, Lake Shore Dr. $500,000.

Wis., Kenosha—Hospital—N. M. Dunning, archt., 310 South Wabash Ave., Chicago, Ill., soon takes bids 5 story and basement, brick and concrete addition, plain foundation, for Kenosha Hospital Assn., 529 South Chicago St. $300,000. Noted Nov. 13.

Ia., Burlington — Office — Syndicate of Physicians, c/o G. H. Steinle, 614 Iowa State Bank Bldg., having plans prepared by C. W. Christensen, 6582 Sheridan Rd., Chicago, Ill., 7 story and basement, 60 x 68 ft., rein.-con., brick and stone. $350,000.

Ia., Cedar Rapids — High School — Bd. Educ. having preliminary plans prepared by W. J. Brown, Bever Block, and W. E. Ittner, 911 Locust St., St. Louis, Mo., 3 story, brick, concrete and stone, Senior high school. $500,000. Noted Jan. 1.

Ia., Creston—High School—Bd. Educ. having plans prepared by Keffer & Jones, 204 Masonic Temple, Des Moines, 2 story and basement high school. $275,000. H. T. Scurr, secy. Noted Jan. 1.

Ia., Corning—School—Election Jan. 15, $175,000 bonds for 2 story and basement school, for Bd. Educ., c/o C. Mercer, secy. Thomas, McLennan & Thomas, 527 17th St., Des Moines, archts.

Ia., Des Moines — Church — Plymouth Congregation, c/o J. E. Wolfe, 524 35th St., having plans prepared by Proudfoot, Bird & Rawson, 810 Hubbell Bldg., 2 story and basement church, 41st and Ingersoll Sts. $350,000.

Ia., Des Moines—High School—Bd. Educ., G. L. Garlin, secy., soon takes bids 3 story and basement, rein.-con., brick and stone, 15th and Center Sts., West Des Moines. $300,000. F. E. Wetherall, 1012 S. & L. Bldg., archts.

Ia., Marengo—School—Bd. Educ., c/o D. Gode, secy., election Jan. 20, $150,000 bonds, new school building. Engineer and architect not selected.

Neb., Franklin—Court House—Franklin Co., c/o county clerk, had plans prepared by G. A. Berlinghor, 14 Orpheum Bldg., Lincoln, 4 story and basement, 70x90 ft. courthouse. $200,000.

Neb., Lincoln—Club—Y. W. C. A., c/o A. G. Warner, secy., 1619 R St., having preliminary plans prepared by Fiske, Meginnis & Schaumberg, 533 Bankers Life Bldg., brick and concrete club, etc. $200,000.

N. D., Valley City—Court House—Comrs. Barnes Co., having plans prepared by Toltz, King & Day, Builders Exch., St. Paul, Minn., 3 story and basement, rein.-con., brick, tile and stone court house. $200,000.

Mo., Hannibal—High School—Bd. Educ. takes bids in February 2 story and basement, 110 x 195 ft., rein.-con. brick and stone. W. B. Ittner, 911 Locust St., St. Louis, archt.

Mo., Liberty — College — William Jewell College, H. C. Wayman, pres., making preliminary plans 2 story and basement, girls dormitory $100,000, and gymnasium $150,000, both brick, concrete and stone.

Mo., St. Louis—Apartment—J. Rubin, 810 Chestnut St., soon takes bids 3 story and basement, 133 x 138 ft., rein.-con., brick and stone, Cabanne St. west of Union St. $150,000. O. J. Popp, Arcade Bldg., archt.

Mo., St. Louis — Apartment — E. M. Worthington, 324 Belt Ave., soon takes bids 8 story and basement, 60 x 66 ft,. brick, concrete, stone and terra cotta, Maryland and Taylor Aves. T. J. Craven, engr., and W. S. Frank, archt., both Century Bldg.

Mo., St. Louis — Commercial — Local Realty Co., c/o W. M. Louderman, Bank of Commerce Bldg., having preliminary plans prepared by La Beaume & Klein, Compton Bldg., 12 story and basement, 88 x 106 ft., rein.-con., brick, stone and steel, Locust and 11th Sts. $750,000.

Mo., St. Louis—Hotel, etc.—E. Horton, 4188 West Belle Pl., soon takes bids 8 story and basement, 144 x 160 ft., brick, concrete and terra cotta, Finney St. at Pendleton Ave. $1,000,000 or more. Private plans.

Ark., Little Rock—Store—J. D. Back & Bro., 410 Main St., takes bids about Feb. 1, 4 story and basement, 50 x 140 ft., concrete, brick, steel and stone, Main and 5th Sts. $250,000. Mann & Stern, A. O. U. W. Bldg., archts.

Tex., Amarillo—Hotel—Panhandle Impvt. Co. plans 6 story and basement, rein.-con., brick and stone, plain foundation. $375,000. Engineer and architect not selected.

Tex., Amarillo—Office—Chamber of Commerce plans two 8 story brick and stone office buildings, plain foundations. $500,000 each.

Tex., Amarillo—High School—Bd. Educ., c/o T. W. Cotton, pres., plans high school. $250,000. Engineer and architect not announced.

Tex., Greenville—Hotel—Lindsey & Kilmer, archts., Greenville, soon takes bids 7 story and basement, 80 x 100 ft., brick, stone and rein.-con., Washington St., for Greenville Hotel & Investment Co. $300,000. Noted Aug. 21.

Tex., Harlingen—Hotel—J. M. Longfellow & B. N. Decker, and associates, having plans prepared by W. E. Krum, Bristow, Okla., 3 story and basement, 75 x 125 ft., brick and concrete, plain foundation. $150,000.

Tex., Houston—Apartment—San Jacinto Realty Co., 4401 Montrose Ave., and J. M. Glover, archt., Bankers Mortgage Bldg., take bids about Jan. 15, 2 story and basement apartment, Montrose Blvd. $500,000. G. B. Post & Son, Pioneer Trust Bldg., Kansas City, Mo., archts.

Tex., San Antonio—Courthouse—Bexar Co., A. McCloskey, judge, election soon $1,000,000 bonds for 59 story and basement courthouse annex, west of present site. A. C. Pancoast, co. engr. Noted Dec. 18.

Tex., San Antonio—Office—W. Rogers, 238 Hollywood St., having plans prepared by H. S. Green, Alamo Bank Bldg., 15 story and basement, brick, stone and rein.-con., West Commerce and Navarro Sts. $925,000.

Tex., San Antonio—Temple—Temple Beth El, Travis and Jefferson Sts., having plans prepared by Seutter & Simons, Moore Bldg., 2 story and basement, West Ashby and Belknap Sts. $250,000.

Tex., Wortham—City Hall—A. J. McKinney, city secy., plans rein.-con. and brick, plain foundation, Main St., for City. $175,000. Engineer and architect not announced.

Okla., McAlester — Hospital, Nurses Home, etc.—Scottish Rite Masons, soon take bids 2 and 4 story and basement, rein.-con., brick and stucco. $200,000 up. W. T. Schmitt, 1634 West 10th St., Oklahoma City, archts.

Okla., Norma — Dormitory — State Bd. Affairs, Capitol Bldg., Oklahoma City, having preliminary plans prepared by J. Hicks, Braniff Bldg., 3 story and basement, 86x190 ft. dormitory, for University of Oklahoma on campus, here. $300,000.

Okla., Oklahoma City — City Hall — City having preliminary plans prepared by W Vahberg, Oklahoma City, 5 story, 100x140 ft., bick and stone. $600,000.

Wash., Seattle—Hotel and Garage—E. G. Peters, 316 Railway Exch. Bldg., takes bids about Jan. 10, 5 story and basement, brick and terra cotto. $175,000. Wilson & Jones, Arcade Sq., archts.

Calif., Burlingame — Hotel — Owner, c/o G. Rushforth, archt., 354 Pine St., San Francisco, had preliminary plans prepared 4 story, rein.-con. and hollow tile, Bellevue Ave. and El Camino Real. $450,000.

Calif., Los Angeles — Arcade, Store and Apartment—Burrell & Hamrick, archts., 1243 Vine St., prepared plans 5 story 110x290 ft., rein.-con. and timber, Vine St. near La Mirado St. $350,000. Owner's name withheld.

Calif., Los Angeles—High School—Bd. Educ. had plans prepared by Jefferey & Schaefer, 1104 Kerchoff Bldg., 2 story and basement, rein.-con. and brick, Ave. 54 and Hud St. $360,000.

Calif., Los Angeles — Hotel — Burrell & Hamrick, archts., 1243 Vine St., prepared plans 4 story, 109x140 ft., rein.-con. and timber, Whittier Blvd. $150,000. Owners name withheld.

Calif., Oakland—Theatre—Owner, c/o S. Grauman, Metropolitan Theatre Bldg., Los Angeles, plans fireproof theatre, $2,000,000-$3,000,000. Engineer and architect not selected.

Calif., Pasadena—City Hall—City had plans prepared by Backwell & Brown, 251 Kearny St., San Francisco, rein.-con. and terra cotta city hall. $1,000,000.

Calif., Redlands—Auditorium—City plans election $250,000 bonds, constructing auditorium.

Calif., Sacramento—Theatre—Owner, c/o J. L. Marsh, 1905 L St., plans theatre. $150,000-$200,000.

Calif., San Francisco—Studio—M. Graf, 1179 Market St., plans motion picture studio, Sunset Dist. $150,000 or more.

Calif., San Pedro — Club — Y. M. C. A. having plans prepared by J. Rogers & Stevenson, 919 Washington Bldg., Los Angeles, 5 story and basement, 142 x 186 ft., rein.-con. and tile, Beacon St. $550,000.

Calif., Santa Monica—Store and Apartment—S. Malsman had plans prepared by Russell & Alpaugh, 1106 Story Bldg., Los Angeles, 6 story and basement, 100 x 153 ft., pressed brick, terra cotta, marble and tile, Santa Monica Blvd. $300,000.

B. C., Vancouver — Church — Tyramid Temple having plans prepared by McCarter & Nairne, 509 Richards St., brick and timber church, 3,500 seating capacity, on Kingsway. $150,000.

B. C., Vancouver — Store — Hudson Bay Co., Georgia and Granville Sts., plans 6 story, rein.-con., brick, tile and terra cotta, Granville St. $1,500,000. Engineer and architect not announced.

Ont., Fergus—High School—School Bd. plans 2 story and basement, 8 room, rein.-con., brick and steel, plain foundation. $150,000. Engineer and architect not selected.

Ont., London—High School—Bd. Educ. having plans prepared by L. E. Carrothers,

Buildings—Commercial (Continued)

c/o Bd. Educ., new high school in eastern section of city. $300,000.

Ont., Ottawa—Office—Metropolitan Life Insurance Co., having plans prepared by J. A. Ewart, Jackson Bldg., and takes bids in early summer, 4 story, basement and sub-basement, 167 x 207 ft., Bank, Sparks and Wellington Sts. $2,000,000.

BIDS DESIRED

Vt., Forest Dale—School—School Comn., taking bids 1 and 2 story and basement, 60 x 100 ft., brick, tile and steel, plain foundation. C. H. Smith, Rutland, archt.

Mass., Beverly—Store—Owner, c/o A. J. Carpenter, Jr., 1 Moss Hill Rd., Jamaica Plain, taking bids 2 story and basement, 55 x 150 ft., brick store, hall and bowling alleys, Washington and Cabot Sts. $150,000 or more.

Mass., Boston—Apartment—L. S. Kaufman, 94 Queensbury St., taking bids 8 story, 60 x 110 ft., concrete, brick and steel, plain foundation, 1802 Commonwealth Ave. $350,000. G. N. Jacobs, 4 Park St., archts. Noted Dec. 11.

Mass., Boston—Theater, Store and Office—Cobb Theatre, c/o A. J. Carpenter, Jr., 1 Moss Hill Rd., Jamaica Plain, taking bids 2 story and basement, 55 x 125 ft., brick, plain foundation, Washington and Cobb Sts. $150,000. Noted Dec. 25.

Mass., Gloucester — Club — Annisquam Yacht Club, taking bids 2 story, 60 x 100 ft. clubhouse. To exceed $150,000. Woodbury & Stuart, 581 Boylston St., Boston, archts.

Mass., Medford—Nurses Home—Jan. 9, by Lawrence Memorial Hospital, E. B. Moore, chn., 3 story, 50 x 92 ft. nurses home, brick and cast stone. $150,000. C. B. Dunham, 6 Beacon St., Boston, archt.

Mass., Somerville — Apartment — Winter Hill Realty Co., c/o G. E. Nute, 3 West Canton St., taking bids 5 story and basement, 50 x 200 ft., with 50 x 58 ft. wing, brick, steel and concrete, plain foundation, Bway. $275,000. A. H. Bowditch, 44 Bromfield St., Boston, archt.

Mass., West Roxbury (Boston P. O.) — School—Jan. 19, by School House Dept., Boston, 2 and 3 story and basement, 40 x 170 ft., and 80 x 110 ft., brick and stone addition to Washington Irving Intermediate School, plain foundation, Charles Sumner Dist. $400,000. C. H. Walker & Sons, 120 Boylston St., Boston, archts.

Mass., Worcester—Office—P. M. Duprey, 390 Main St., taking bids 6 story and basement, 40 x 85 ft., brick, steel and limestone, plain foundation, Main St. $175,000. J. Rustigian, 405 Main St., archt. Noted Dec. 18.

Conn., Stamford—School—L. A. Walsh, archt., 51 Leavenworth St., Waterbury, taking bids 3 story, 38 x 50 ft., and 60 x 120 ft., brick and stone, plain foundation, Strawberry Hill, here, for Sisters of St. Joseph, 210 Strawberry Hill. $250,000. Noted Aug. 14.

N. Y., Brooklyn—School—Jan. 21, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., addition to P. S. 35, Decatur St. and Lewis Ave., for Bd. Educ., 500 Park Ave., New York City.

N. Y., Mt. Vernon—School—Jan. 12, by Bd. Educ., 60 South 30th St., 3 story, 75 x 180 ft., school addition, 2nd St. Werner & Greenfield, 20 West 34th St., New York City, archts.

N. Y., New York—Garage—Bing & Bing, Inc., 119 West 40th St., will build 7 story, 200 x 245 ft. garage, 109 West 50th St. $1,400,000. Work will be done by separate contracts.

N. Y., New York—School—Jan. 27, by W. H. Gompert, supt. school buildings, Flatbush Ave. extension and Concord St., Brooklyn, P. S. 86, Reservoir Ave. and West 195th St., here, for Bd. Educ., 500 Park Ave.

Pa., Gettysburg—Theater, Hotel and Store—Jan. 19, by W. H. Lee, archt., 1505 Race St., Phila., 4 story and basement, 144 x 151 ft., brick and steel, plain foundation, here, for Gettysburg Hotel Co. Noted Sept. 25.

Md., Baltimore—School—Jan. 21, by Bd. Awards, general construction, heating and ventilating, etc., for 3 story and basement, 120 x 215 ft., brick and steel, plain foundation, Roland and Linwood Aves. $450,000. E. L. Palmer, 513 North Charles St., archt. Van R. P. Saxe, Knickerbocker Bldg., engr.

O., Cleveland — Apartment — J. Baskin, 9215 Parkgate Ave., taking bids 3 story and basement, brick, West 80th St. and Detroit Ave. $150,000. R. H. Hinsdale, 654 Erie Bldg., archts. Noted Dec. 11.

O., Toledo—Apartment—Jan. 9, by Mills, Rhines, Bellman & Nordhoff, archts., Ohio Bldg., 3 story and basement, 21 x 100 x 143 x 173 ft., brick, stone and terra cotta, plain foundation, Ashland Ave., for Madison-Michigan Building Co. $250,000.

Mich., Detroit—Library—Jan. 12, by P. R. Gray, pres. Pub. Library Comn., 2 story and basement, 75 x 100 ft., rein.-con., brick and steel, plain foundation. $150,000. Smith, Hinchman & Grylls, Woodward Ave., archts. Noted Dec. 25.

Mich., Halfway—School—Jan. 20, by F. Driskell, secy. Bd. Educ., 3 story and part basement, 95 x 166 ft., rein.-con., brick and steel, plain foundation, Gratiot Ave. Warren Holmes-Powers Co., Lansing, archts.

Minn., Winona—High School—Jan. 28, by Bd. Educ., A. H. Kressin, Junior High School, 3 story and basement, rein.-con., brick, tile and stone. $500,000. Croft & Boerner, 1004 Marquette Ave., archts.

Tex., Dallas—Apartment—J. W. Westbrook, archt., 407½ North Bishop St., taking bids 3 story and basement, 70 x 170 ft., brick, steel, stone, steel, rein.-con. and hollow tile, Marsalic Ave., for J. R. Hill, 824 Norht Marsalis Ave. $150,000.

Tex., Laredo—Office—Sames-Moore Co., taking bids 5 story and basement, rein.-con., brick and stone, plain foundation. $175,000. Adams & Adams, Gibbs Bldg., San Antonio, archts. Noted Nov. 20.

Tex., San Antonio—Hotel—Order of Odd Fellows, c/o Crockett Hotel, taking bids 7 story and basement, 80 x 100 ft., rein.-con., brick and stone, plain foundation, Crockett and Nacogdoches Sts. $200,000. H. T. Phelps, Hicks Bldg., archt.

BIDS RECEIVED

N. J., Elizabeth—School—Bd. Educ., Dec. 23, Junior High School 3, general contract, from Fatzler Co., 441 21st St., Newark, $429,450; plumbing, from F. A. Vanderweg, 100 Chestnut St., Roselle Park, $33,935; heating and ventilating, from Jaehnig & Peoples, 221 13th Ave., Newark, $83,133.

N. J., Trenton Junction (Trenton P. O.)—School—Guilbert & Betelle, archts., Commerce Bldg., Newark, Dec. 29, group of 1 and 2 story buildings for New Jersey School for Deaf, here, general contract from J. M. Yardley, 1716 Sansom St., Phila., Pa., $368,900; heating, from Trenton Plumbing & Heating Co., 366 South Broad St., Trenton, $39,988; plumbing, from Burns, Lane & Richardson, 16 Paterson St., New Brunswick, $32,240. Noted Dec. 18.

Pa., Elkins Park—High School—School Bd. Cheltenham Twp., general contract 3 story and basement, 156 x 190 ft., rein.-con. and brick, plain foundation, from J. J. Loux, 15th St. and Hunting Park Ave., Phila., $384,700; plumbing, from J. Bordon & Bro., 637 North 19th St., Phila., $28,350. Noted Dec. 11.

N. C., Raleigh—Office—W. N. Everett, secy. of State, Dec. 1, for office building, corner Morgan and Salisbury Sts., from G. A. Fuller & Co., Munsey Bldg., Wash., D. C., and 949 Bway., New York City, $608,000; heating and plumbing, from W. B. Guimarin Co., Columbia, $54,595. Noted Dec. 11.

Wis., West Bend—High School—School Dist. No. 1, F. W. Bucklin, clk., 2 story and basement, 160 x 180 ft., brick and tile, plain foundation, from West Bend Constr. Co., West Bend, $159,725. Noted Dec. 18.

Minn., St. Paul—School—H. W. Austin, city purch. agt., Dec. 23, general contract 3 story and basement, rein.-con., brick and stone, East 3rd and Earl Sts., from W. M. Lindau Constr. Co., 220 Guardian Life Bldg., $165,800. Noted Dec. 18.

Calif., Glendale — Church — C. Cressy, archt., 130 South Brand Blvd., Dec. 15, general contract 1 story, 85 x 100 ft., rein.-con. and brick, from T. H. Reed, 204 Willshire Bldg., for First Baptist Church, Wilson and Louise Sts. $153,219. Noted Dec. 4.

Calif., Los Angeles — Church — N. F. Marsh, archt., 211 Bway., Central Bldg., 2 story and basement, 120 x 120 ft., brick, 24th St. and Griffith Ave., from C. Olcester, 4932 Rosewood Ave., Los Angeles, for Second Baptist Church. $155,655. Noted Dec. 18.

CONTRACTS AWARDED

Mass., Boston—Clubhouse—Boston City Club, 6 Ashburton Pl., altering 10 story and basement clubhouse, to O. H. Drisco & Son, 46 Cornhill St.

Mass., Boston — Museum — Museum of Fine Arts, Huntington Ave., altering and constructing 2 story and basement, 30 x 400 ft., brick and granite addition, plain foundation, to L. P. Soule & Son, 80 Boylston St. Archts. est. $300,000. Noted Oct. 2.

Mass., Boston—Store and Office—Bernstein Bros., 90 Arch St., 5 story and basement, brick and stone, 97 Sudbury St., to B. Berg, 97 Dartmouth St., Dorchester. Archts. est. $150,000.

Mass., Boston—Store—G. Grow, 920 Commonwealth Ave., 3 story and basement, 5,740 ft. floor space, rein.-con. and brick, 124-128 Huntington Ave., to L. Pooron, 24 Normandy St., Dorchester. Archts. est. to exceed $150,000.

Mass., Brookline—Apartment—Greenway Apartments, c/o Martoff & Sherman, Greene St., will build 5 story, brick, Greene St., by day labor. $150,000. S. E. Moffie, 51 Cornhill St., archt.

Mass., Cambridge (Boston P. O.) — Garage, etc. — J. J. Shine, 1374 Massachusetts Ave., will build 1 and 2 story, 100 x 260 ft., rein.-con., brick and steel garage and repair shop, 410-328 Green St., by day labor. $150,000. L. C. Gustin, 1374 Massachusetts Ave., archt. and engr. Noted Nov. 13.

Mass., Marlboro — High School — School Bldg. Comn., C. F. Putman, clk., City Hall, 3 story and basement, brick and tile addition, to B. W. Neal, Inc., 293 Boylston St., Brookline, $149,398. Noted Dec. 4.

Mass., Norwood—High School—Bd. Selectmen, 2 story and basement, 58 x 227 ft., brick and stone, plain foundation, Nichols Sts., to Central Eng. & Constr. Co., Slater Trust Bldg., Pawtucket, R. I. $376,000. Noted Dec. 25.

Mass., Onset—Church—Our Lady Star of Sea Roman Catholic Church Society, 1 story and basement, 50 x 110 ft., brick and stone, to C. Louge Building Co., 18 Tremont St., Boston. Archts. est. $150,000. Noted Dec. 25.

Conn., Hartford—Store and Office—M. Fox, c/o G. Fox Co., 260 Main St., G. S. Auerbach, secy., 2 story and basement, 130x180 ft., rein.-con. and steel, plain foundation, Pratt and Trumbull Sts., to J. A. Stewart, Pratt and Trumbull Sts. Archts. est. $250,000. Noted Sept. 25.

Conn., Waterbury — Apartment — P. H. Carroll, East Arrora St., will build 9 story and basement, 60 x 185 ft., brick and stone, Prospect St., by day labor. $500,000. W. E. Hunt, 187 Church St., Torrington, archt. Noted Aug. 21.

N. Y., Bayside—Theatre and Store—Bayside Amusement Corp., c/o T. W. Lamb, archt., 644 8th Ave., New York City, 4 story, brick, steel and stone, plain foundation, Bell Ave., to T. J. Buckley Eng. Co., 303 5th Ave., New York City. Archts. est. $500,000.

N. Y., Brooklyn — Apartment — Kelton Constr. Co., c/o Shampan & Shampan, archts., 189 Montague St., will build brick, steel and stone, plain foundation, Fenimore St. and Nostrand Ave., by day labor. $180,000.

N. Y., Brooklyn—School—Bd. Educ., 500 Park Ave., New York City, P. S. 207, Fillmore Ave., here, general contract, to C-L. and S. Constr. Co., 145 Montague St., $369,400; plumbing, to W. J. Endres, Grand Central Terminal, New York City, $27,722; heating, to Gillis & Gheoghegan Co., 537 West Bway., New York City, $48,267. Noted Nov. 27.

N. Y., Buffalo—Hotel—Sovereign Apartments, Inc., c/o Lewis & Hill, archts., 892 Main St., 5 story, 50 x 200 ft., rein.-con., brick and steel, West Utica Ave., to M. M. Robinson, 437 Woodward Ave., Detroit, Mich., $500,000.

N. Y., New York—Hotel—Twenty West 72nd St. Corp., c/o H. J. Krapp, archt., 116 East 16th St., will build 15 story, 88 x 100 ft., brick, steel and stone, plain foundation, 20-28 West 72nd St., by day labor. $400,000.

N. Y., New York — Magistrates Court House—H. Bruckner, pres. Bronx Boro., 3rd and Tremont Aves., general contract court house, East 161st St., Brook and Washington Aves., to T. A. Reilley Co., 48 East 41st St., $192,000, plus $2,200. Noted Dec. 18.

N. Y., New York—School—Bd. Educ., 500 Park Ave., constructing P. S. 116, 33rd St. near 3rd Ave., to T. J. Waters Co., 271 West 125th St., $315,880. Noted Dec. 18.

N. Y., New York—School—Bd. Educ., 500 Park Ave., P. S. 81, Riverdale Ave. between 255th and 256th Sts., Bronx Boro, to Psaty & Fuhrman, 501 East 161st St., $295,000, heating and ventilating apparatus, to J. H. Goldblatt, 345 Madison Ave., $44,364. Noted Jan. 1.

N. Y., Poughkeepsie—Laboratory—Vassar College, Raymond Ave., constructing brick, steel and stone, plain foundation, to E. V. Anderson, Market St. Archts. est. $200,000. Noted Dec. 18.

Pa., Phila.—School—P. G. Getz, archt., Victory Bldg., 2 story and basement, 81 x 135 ft., brick and steel, plain foundation, Tucker and Memphis Sts., to J. McShain, 1713 Sansom St., for St. Ann's Roman

Buildings—Commercial (Continued)

Catholic Church, Lehigh & Memphis Sts., M. A. Hand, pastor. Archts. est. $150,000.

Pa., Pittsburgh—Hospital—Homeopathic Medical & Surgical Hospital & Dispensary, general contract 7 story and basement, 41 x 201 ft. addition, etc., to D. T. Riffle, 1006-8 Forbes St. Archts. est. $600,000. Noted Dec. 11.

Md., Cumberland—Home—Y. M. C. A., W. H. Lewis, genl. secy., 3 story and basement, 95 x 119 x 193 ft., brick and steel, plain foundation, to North Eastern Constr. Co., Lexington Bldg., Baltimore, $300,000. Noted Dec. 11.

D. C., Wash—School—Dist. Comrs., constructing J. F. Cook School P and 1st Sts., to Skinker & Garrett, 1416 F St. N. W., $237,951. Noted Dec. 18.

W. Va., Parkersburg—School—Bd. Educ. general contract 2 story and basement, 124 x 132 ft., rein.-con. and brick, to C. W. Carderman, Delphos, $109,890. Noted Oct. 23.

N. C., Charlotte—Schools—City, Elizabeth School, to Palmer-Spivey, Elizabeth Ave., $157,084; Dilworth School, to J. D. Ford, Charlotte, $47,158; Fairview School, to J. A. Jones Constr. Co., Realty Bldg., $104,500; Piedmont Junior High School, to Mintre Homes Co., Charlotte, $165,000, all fireproof construction.

N. C., Salisbury—High School—City, general contract 3 story, brick high school, to L. S. Bradshaw, Salisbury, $332,000; heating, to B. Mackenzie, Greensboro, $36,500.

Ala., Birmingham—Hotel—Tutwiler Hotel Co., 2000 5th Ave., 12 story, 75 x 150 ft., steel and concrete addition, North 20th St., to Southern Ferro-Concrete Co., 50 East Ellis St., Atlanta, Ga., $300,000. Noted May 15.

La., New Orleans — Theatre — Canal Realty & Impvt. Co., 1401 Tulane Ave., terra cotta and pressed brick, theatre, Canal St. between Rampart St. and Elks Pl., to G. J. Glover Constr. Co., Whitney Central Bank Bldg., $1,000,000.

O., Akron—High School—City, general contract Garfield High School, in Firestone Park, to C. W. and P. Constr. Co., 718 Secy. Natl. Bldg., $376,446. Noted Feb. 28.

O., Dayton—Office—Davies Building Co., 29 Davies Bldg., 10 story, 75 x 100 ft., rein.-con. and brick, plain foundation, 1st Ave., to Frank Hil' Smith, Inc., Winters Bldg., about $450,000. Noted Nov. 20.

O., Toledo — Apartment — Park Apartments, Inc., 9 story and basement, 73 x 156 ft., brick and steel, plain foundation, Jefferson Ave., to A. Bentley & Sons Co., Belmont Ave., $1,000,000.

Mich., Detroit — Mercantile — A. Kahn, archt., 1000 Marquette Bldg., constructing 12 story and basement, 30 x 100 ft., rein.-con., brick and steel, plain foundation, Michigan Ave., to Everett Winters Co., 1024 Book Bldg. Noted Nov. 13.

Mich., Muskegon — High School — Bd. Educ., general contract 3 story and basement, rein.-con., brick and steel, plain foundation, to O. F. Miller, 139 Prospect St., Kalamazoo, $568,600; heating and plumbing, to N. Y. Yonkers, Muskegon, $35,498 and $24,697 respectively.

Ill., Napierville—Auditorium—Northwestern College, general contract 2 story and basement, 100 x 140 ft., brick, concrete and stone, to Bergsted Constr. Co., Moline. Archts. est. $160,000. Noted Nov. 27.

Wis., Jackson—Schools—Bd. Educ., general contract 3 story and basement high school, to A. C. Samford, 24 Galena Ave., Montgomery, Ala., $195,000; negro school, to W. J. McGee, Millsaps Bldg., $85,495.

Wis., Madison—Nurses Home—University of Wisconsin, c/o J. D. Phillips, bus. mgr., 4 story, 32 x 154 ft., brick, rein.-con. and steel, plain foundation, to Devereux-Olson Constr. Co., 716 11th Ave., Minneapolis, Minn. Noted Oct. 30.

Wis., Milwaukee — Auto Sales — Hoppe Motor Car Co., 608 Concord Ave., 2 story and basement, 62 x 156 ft., brick and concrete, plain foundation, Grand Ave., to Coddington Eng. Co., 290 3rd St. Archts. est. $150,000.

Wis., Milwaukee—Bank—Mechanics Natl. Bank, c/o First Wisconsin Natl. Bank, 425 East Water St., 3 story and basement, 56 x 80 ft., brick, stone and concrete, plain foundation, Kinnickinnic Ave., to Meredith Bros., 253 Washington St. Archts. est. $150,000.

Wis., Milwaukee — Dormitory — S. Roth, 908 Downer Ave., 3 story and basement, 50x105 ft., brick and tile, plain foundation, 13th St., to Reisinger & Co., 464 Oakland Ave Archts. est. $150,000.

Mo., Jefferson City—Church—First Baptist Congregation, general contract 2 story, brick and concrete, church and Sunday school, Monroe and Capitol Aves., to E. Braun, Jefferson City. Archts. est. $150,000.

Mo., Springfield—School—Bd. Educ., 2 story and basement, brick and concrete, general contract to M. E. Gillioz, Monett, $78,000; plumbing and ventilating to McCarty & Wells, 423 St. Louis St., $25,176. Noted Dec. 4.

Ark., Little Rock—Church—Second Presbyterian Congregation, R. B. Oliver, chn., 2 story, concrete, brick and tile, 3rd and Gaines Sts., to J. H. Leveck & Sons, Reigler Bldg., $175,000.

Tex., Dallas—Auditorium—City, c/o M. G. James, city secy., brick, rein.-con. and steel auditorium, plain foundation, at Gaston Park, to A. J. Rife, 211 West Jefferson St., $345,145.

Tex., Dallas—Hotel—Dallas Hotel Co., c/o R. B. Ellifritz, c/o Adolphus Hotel, will build 22 story and basement, 65 x 100 ft., addition, Main St., by day labor. $1,000,000. Former bids rejected. A. C. Bossom, 680 5th Ave., New York City, archt.

Tex., Laredo—Hotel—L. Lyons, T. B. Baker and associates, Gunter Hotel, San Antonio, 8 story and basement, 98 x 100 ft., rein.-con., tile and brick, plain foundation, to Sumner-Sollitt Co., Natl. Bank Commerce, San Antonio, approximately $200,000. Noted Nov. 6.

Okla., Bartlesville — High School — Bd. Educ., general contract 3 story and basement, 120 x 180 ft., rein.-con., brick and stone, to Shallenberger Constr. Co., 5th and Detroit Sts., Tulsa, $252,829; plumbing and heating, to Sell-Orr Heating Co., Independence, Kan., $56,252. Noted Dec. 11.

Ore., Portland—Y. M. C. A. Com., general contract 5 story, 100 x 100 ft., rein.-con., solid rock foundation, Yurnhill and 6th Sts., to Hansen, Hammond & Clist, Pittock Bldg., $118,866.

Calif., Fresno—Theatre—J. W. Wilson & J. A. Benham, 1420 H St., 138x150 ft., steel and concrete, Stanislaus and Fulton Sts., to Trewhitt-Shields Co., Rowell Bldg. Archts. est. $500,000.

Calif., Oakland—Hotel—E. A. Colburn, 416 East 10th St., Denver, Colo., 12 story and basement, hotel, here, to G. M. Tamblyn, 10th and Grant Sts., Denver, Colo. Archts. est. $5,000,000.

Ont., Ft. William—Collegiate—Bd. Educ., general contract 3 story and basement, rein.-con., brick and steel, plain foundation, to Claydon & Co., Winnipeg, Man., $168,445. Noted Dec. 18.

Federal Government Work

PROPOSED WORK

N. H., Portsmouth—Coaling Plant—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans repairing coaling plant, here.

Mass., Boston—Breakwater, etc.—Treas. Dept., at office Supervising Archt., Wash., D. C., rejected bids constructing breakwater and rebuilding seawall, here. Will readvertise. Noted Dec. 11.

Mass., Boston — Waterworks — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans improving waterworks, and replacing circulating loop, here.

N. Y., Fort Lafayette—Dredging—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans dredging at naval ammunition depot, here.

N. Y., New York—Gas Plant, etc.—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans gas plant improvements, improving distributing system, replacing high tension electric cable and improving sanitary facilities at Dry Dock 4, here.

Pa., Phila.—Paving, etc.—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans paving at Navy Yard, improving Pier 3, and dredging, here.

D. C., Wash.—Quarters—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans extending nurses quarters, here.

Va., Norfolk — Fire Protection — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans improving fire protection system, and replacing hull of 120 ton derrick, here.

Va., Yorktown—Fire Protection—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans fire protection system, here.

S. C., Charleston — Dredging — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans dredging, here.

Fla., Pensacola—Storage—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans fuel oil storage, here.

Ill., Great Lakes—Power Plant—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans improving power plant, here.

Ark., Hot Springs—Road—U. S. Engineer plans resurfacing driveways and constructing 6 mi. new road on top of West Mountain, in U. S. Government Reservation.

Wash., Puget Sound—Storage—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans additional storage at ammunition depot, here.

Calif., Mare Island—Dredging—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans dredging, here.

Calif., San Diego — Extension — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans extension to shop and storage facilities, here.

H. T., Pearl Harbor—Generator Building—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans extending motor generator building, here.

H. T., Pearl Harbor—Moorings, etc.—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans additional moorings, improving water front in industrial section, and extending administration building, here.

Samoa, Tutulla—Wharf—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans improving wharf, here.

Cuba, Guantanamo — Wharf — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans replacing magazine wharf, and improving fuel oil plant, here.

Virgin Islands, St. Thomas—Oil Engines—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans oil engines, here.

P. I., Cavite—Moving Quarters, etc.—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans moving officers quarters, power plant equipment, drydock and water tank, etc., from Olongapo, to here.

P. I., Cavite—Radio Tower—Spec. 5057—Bureau Yards & Docks, Navy Dept., Wash., D. C., soon takes bids 210 ft. self supporting, steel radio tower, here.

BIDS DESIRED

N. H., Portsmouth—Capstans—Spec. 5024—Jan. 21, by Bureau Yards & Docks, Navy Dept., Wash., D. C., electrically driven capstans at Navy Yard, here.

Mass., Gloucester—Post Office—Jan. 26, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging Post Office and Court House, here.

N. Y., Fulton—Post Office—Jan. 30, by Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging Post Office, here; adv. E. N.-R. Jan. 8.

N. Y., New York—Dredging—Jan. 14, by Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging at Navy Yard, here; adv. E. N.-R. Jan. 8.

Md., Annapolis—Well Houses—Spec. 5056—Feb. 11, by Bureau Yards & Docks, Navy Dept., Wash., D. C., constructing well houses, here.

Va., Norfolk—Alterations—Jan. 14, by Bureau Yards & Docks, Navy Dept., Wash., D. C., alterations to cafeteria in hospital, here.

Ala., Florence—Counterweights—Jan. 20, by U. S. Engineer Office, structural steel displacement counterweights, for Wilson Dam; adv. E. N.-R. Jan. 8.

Tex., Galveston—Jetty Repairs—Jan. 31, by U. S. Engineer Office, Galveston, repairs to north jetty, Galveston Harbor; adv. E. N.-R. Jan. 8.

BIDS RECEIVED

S. C., Anderson—Extension, etc.—Treas. Dept. at office Supervising Archt., Wash., D. C., extending and remodeling Post Office, here, from W. L. Morrison Constr. Co., Natl. Metropolitan Bank Bldg., Wash., D. C., $11,350, alternate add $450. Noted Dec. 11.

Fla., Miami — Post Office, Court House, etc.—Treas. Dept. at office Supervising Archt., Wash., D. C., extending and remodeling post office, court house, etc., here, from W. L. Morrison Constr. Co., 613 15th St., Wash., D. C., $19,340 (6 months).

Mo., Harrisonville — Post Office — Treas. Dept. at office Supervising Archt., Wash., D. C., constructing post office, here, from H. Lloyd Building Co., 816 Olive St., St. Louis, Mo., $43,266. Noted Dec. 11.

Tex., Galveston—Dredging—U. S. Engineer Office, Galveston, redredging Intercoastal Canal, at certain places between here and head of Matagorda Bay, from J. Jackobson Dredging Co., 2311½ Ave. C, $34,370. Noted Nov. 20.

CONTRACTS AWARDED

Va., Norfolk—Dredge Repairs—U. S. Engineer Office, repairing Hopper Dredge Chinook, to Newport News Shipbuilding & Dry Dock Co., Newport News, $106,300. Noted Dec. 4.

Ala., Florence—Cement—P. T. Samuels, ch. supply div., 10,000 bbl. cement, to

Federal Government Work (Continued)

Lehigh Portland Cement Co., Woodward Bldg., Birmingham $22,302.

Ala., Florence—Cradles, etc.—P. T. Samuels, ch. supply div., furnishing 58 counterweight cradles, to Welded Products Co., 2760 7th Ave. N., Birmingham, $13,485; also 1,475 gray iron castings, to Dodge Fdry. Co., 28th and Woodside Aves., Chattanooga, Tenn., $24,220. Noted Dec. 18.

Mo., St. Louis—Earthwork—Mississippi River Comn., 1311 International Bldg., 600,000 cu.yd. hydraulic work in Levee Dist. 1, Perry Co., to McWilliams Dredging Co., McCormick Bldg., Chicago, Ill., $0.1725 per cu.yd. Noted Jan. 1.

H. T., Pearl Harbor—Storehouse—Spec. 5003—Bureau Yards & Docks, Navy Dept., Wash., D. C., storehouse and quarters at naval operating base hospital, here, to W. F. Martens, 513 Hawaiian Trust Bldg., Honolulu, (1) $105,507 (2) $0.70 per cu.ft. Noted Jan. 1.

Unclassified

PROPOSED WORK

Cable — Massachusetts — Davis Bates Clapp Memo. Assn., plans laying and maintaining telephone cable in Hingham Bay from Crow Point, Hingham to Slate Island, Weymouth. Engineer not selected.

Sea Wall, etc.—Gloucester, Mass.—M. E. Mobilman plans fill solid and constructing sea wall in Monsons Cove. $25,000.

Wall—Melrose, Mass.—Dept. Pub. Buildings, making plans new wall and extension of present rear wall in Memorial Building. $40,500. J. R. Worcester & Co., 79 Milk St., Boston, engrs. Noted Dec. 4.

Docks — Baton Rouge, La. — Plans improving dock system. $350,000. J. W. Billingsley, Baton Rouge, consult. engr.

Underpass—Nashville, Tenn.—Davidson Co. Hy. Comn., Nashville Railway & Light Co., and Tennessee Central R.R. Co., H. R. Manby, ch. engr., 319 7th Ave., North Nashville, plan rebuilding underpass on Harding Pike at railroad crossing. $25,000.

Summer Resort—Ashtabula, O.—Woodland Beach Park Co., c/o McGarry & McGarry, archts., 4614 Prospect Ave., having plans prepared 140x180 ft. dance hall, 3 story 70x300 ft. clubhouse, bathing beach, boardwalk, skating rink, and amusement devices, Woodland Beach Park. $300,000.

Golf Course, etc. — Aurora, O. — A. B. Smythe Co., A. B. Smythe, pres., Erie Bldg., Cleveland, having sketches made 9 hole golf course, sewer and water mains, sewage disposal plant, water wells, pumps and roadways and walks, here. $300,000. Wight-O'Rourke Co., Rose Bldg., Cleveland, civil engrs.

Stadium — Oberlin, O. — Oberlin College, plans concrete and steel stadium. $52,000. Engineer not selected.

Grand Stand, etc.—Cleveland, O.—Thistledown Jockey Club Co., c/o J. H. McMellon, mgr., 917 Swetland Bldg., had plans prepared by Christian, Schwartzenberg & Gaeda, 1900 Euclid Bldg., 1 story, 183 x 290 ft., steel and timber grandstand, clubhouse and paddock building, Warrensville Center and Emery Rds. $150,000.

Seawall and Pier—Grosse Pointe Farms (branch of Detroit), **Mich.**—Made plans approximately 373 ft. seawall, incl. 300 cu.yd. concrete, also 840 ft. timber pier, etc. $25,000.

Oil Pipe Line—Texas—Humble Oil & Refinery Co., Humble Oil Co. Bldg., Houston, making plans 130 mi. pipe line from Kemper to San Angelo, etc. Private plans.

Transmission Line—Oklahoma—See "Waterworks" under Braman, Okla.

Tunnel—Oregon—City of Portland & Tunnel Dist. take bids in summer 1¼ mi. either double bore or flat arch tunnel from Portland to Mahlan Valley. $2,000,000. Address R. Tucker, chn. Mahlan Valley Tunnel Project, 395 East 16th St. N., Portland.

Power Line—Butte City, Calif.—See "Excavation, Drainage, Irrigation, Levees."

Grandstand — Los Angeles, Calif. — Los Angeles Baseball Club, 1940 South Hill St., having plans prepared by Z. T. Davis, 400 North Michigan Ave., Chicago, Ill., rein.-con. and steel grandstand, 20,000 seating capacity, plans so designed to permit additional ultimately deck at later date for 10,000 additional. Noted Oct. 2.

Golf Links—San Jose, Calif.—Commercial Club plans 18 hole golf course, drill wells, and install pumping plants, etc. $86,000.

Grain Elevator — Owen Sound, Ont. — Voted $450,000 bonds for grain elevator, 1,000,000 bu. capacity, on water front. C. Gordon, city clk. Noted Dec. 25.

BIDS DESIRED

Station Finish—Long Island City, N. Y.—Jan. 15, by Bd. Transportation, 49 Lafayette St., New York City, constructing station finish for 111th St. Sta., Queens Boro. J. H. Delaney, chn.

Heating and Ventilating—Baltimore, Md.—See "Buildings-Commercial."

Stadium—Macon, Ga.—Jan. 13, by O. Clark, city clk., for Centennial Stadium. Freeland, Roberts & Co., Independent Life Bldg., Nashville, Tenn., engrs. Noted Sept. 4.

Grade Separation—Springwells, Mich.—Jan. 27, by B. P. Esper, city clk., Municipal Bldg., constructing Schaefer Rd. and Detroit & Ironton R.R. grade separation. Hubbell, Hartgering & Roth, 2348 Penobscot Bldg., Detroit, consult. engrs.; adv. E. N.-R. Jan. 8.

BIDS RECEIVED

Heating, etc. — Elizabeth, N. J. — See "Buildings—Commercial."

Heating and Ventilating, etc.—Trenton Junction (Trenton P. O.), **N. J.** — See "Buildings—Commercial."

Plumbing—Elkins Park, Pa.—See "Buildings—Commercial."

Heating and Plumbing—Raleigh, N. C.—See "Buildings—Commercial."

Foundation—Milwaukee, Wis.—Bd. Industrial Educ., 7th and Prairie Sts., caisson and plain foundation for 3rd unit of continuation school, 7 story and basement, 150 x 210 ft., brick and concrete, 6th and Prairie Sts., from E. Steigerwald & Sons, 2303 Galena St., $127,950. Noted July 31.

CONTRACTS AWARDED

Concrete and Backfilling—Roxbury (Boston P. O.), **Mass.**—School House Dept., Boston, concrete work and backfilling on grounds of high school for girls, here, to T. O'Connor & Co., Cambridge, $25,897.

Heating and Plumbing—Brooklyn, N. Y.—See "Buildings-Commercial."

Heating, etc.—New York, N. Y.—See "Buildings-Commercial."

Heating—Salisbury, N. C.—See "Buildings—Commercial."

Piers, etc. — South Carolina — See "Bridges."

Subway—East St. Louis, Ill.—Terminal R.R. Co., Union Station, St. Louis, Mo., H. P. Pheifer, ch. engr., Pennsylvania R.R. Co., Union Station, Chicago, T. J. Skillman, ch. engr., Baltimore & Ohio R.R. Co., Merchants Loan & Trust Bldg., Chicago, H. A. Lane, Baltimore & Charles Sts., Baltimore, Md., ch. engr., and Southern R.R. Co., 13th and Pennsylvania Aves., Wash., D. C., R. Hayes, structural engr., will build 700 ft., rein.-con. subway with two 20 ft. roadways and two 5 ft. sidewalks on 9th St., here, by day labor. $500,000.

Heating and Plumbing—Muskegon, Mich.—See "Buildings—Commercial."

Plumbing and Ventilating—Springfield, Mo.—See "Buildings—Commercial."

Telephone Lines, etc.—St. Louis, Mo.—Southwestern Bell Telephone Co., Bway. and Locust Sts., will repair telephone lines, incl. repairs to 10,000 local phones, 27,000 poles, 3,500 mi. copper wire, etc., by day labor. $1,000,000.

Heating and Plumbing — Bartlesville, Okla.—See "Buildings—Commercial."

Street Lighting System — Los Angeles, Calif. — Street lighting system on Moneta Ave. between Florence and Manchester Aves., to Electric Lighting Supply Co., 214 West 3rd St., $43,542; Moneta Ave., between Main St. and Florence Ave., to Newbery Electric Corp., 724 South Olive St., $129,778; Western Ave. between Santa Barbara and Slauson Aves., to H. C. Reid & Co., 420 Grant Bldg., $81,860.

Foundation — Oakland, Calif. — General Petroleum Corp., Alaska Commrecial Bldg., San Francisco, concrete foundation, firewall, etc., for distributing plant and oil storage quarters on Parr Terminal, here, to Pan-Pacific Constr. Co., Citizens Natl. Bank Bldg., Los Angeles, approximately $123,300.

Radio Station—Drummondville, Que.—Marconi Wireless Telegraph Co., 111 St. Sacrament St., Montreal, constructing radio transmitting station, to A. F. Byers & Co., Ltd., 340 University Ave., Montreal, $155,000.

Material and Equipment

PROPOSED WORK

Tar Patch—Trenton, N. J.—Bd. Freeholders Mercer Co., plans to purchase 50,000 gal. tar patch for roads. $10,000. H. F. Harris, Court House, engr.

Road Machinery—Wisconsin—Eu Claire Co. appropriated $25,000 for road machinery during 1925, G. Osborne, comr.; Outagamie Co. $20,000, incl. power patrol grader and stone crusher, A. G. Brusewitz, comr.; Sauk Co. appropriated sufficient money to purchase drag line, 6 patrol graders and scrapers. W. Halberslaben, comr.

Road Machinery—Wisconsin—Juneau Co. appropriated $10,000 for road machinery, incl. 1 crushing outfit, E. T. Klug, Juneau, comr.; Burnett Co. $5,000, incl. several patrol graders, G. E. Miller, Webster, comr.; Bayfield Co. $7,500, incl. several patrol graders, J. Friberg, Washburn, comr.

Graders—Balsam Lake, Wis.—Polk Co., C. Nystrom, highway comr., plans to purchase 1 large and several patrol graders.

Road Machinery — Darlington, Wis. — Lafayette Co. appropriated $5,000 for road machinery, incl. tractor, graders and small tools. H. I. Shockley, Darlington, comr.

Road Machinery—Hudson, Wis.—Saint Croix Co. appropriated $6,000 for road machinery, incl. patrol graders and small tools. H. P. Olson, Hammond, comr.

Trenching Machine, etc.—Kenosha, Wis.—C. M. Osborn, city mgr., soon takes bids trenching machine to dig (maximum) trench 10 ft. deep, 30 in. wide; also 1 backfiller, 1 ton truck and two 1 ton truck chassis.

Gate Valves, etc.—Dallas, Tex.—M. G. James, city secy., soon takes bids twelve 12 in. and twenty-five 8 in. H. E. gate valves, $5,000; 350 tons 12 in. Class B, c.i. pipe, etc. E. A. Kingsley, city engr.

Fire Truck — McAlester, Okla. — See "Waterworks."

Street Sweeper—Tulare, Calif.—Plans to purchase 1 Elgin Motor Pickup Sweeper equipped with 1 extra broom. W. J. Andrews, city mgr.

BIDS DESIRED

Asphalt Sand, etc. — Brooklyn, N. Y. — Jan. 14, by E. Riegelmann, boro. pres., Boro Hall, 10,000 cu.yd. asphalt sand, and 10,000 cu.yd. steam cinders.

Pipe, etc.—New York, N. Y.—Jan. 14, by J. E. Bowe, comr. Dept. Purchase, Municipal Bldg., c.i. pipe, castings, hydrants, valves, etc., for Dept. Water Supply.

Stone Crushing Plant — Hollidaysburg, Pa.—Jan. 14, by Comrs. Blain Co., one rock crusher 10x20 in. or larger, having 16 to 24 tons per hour, equipped with manganese dies, one 14 in. x 24 ft. elevator complete with folding device, crusher mounted on steel truck with stub tongue, also 10 ft. revolving screen, 36 in. diam., gear driven, perforated as follows, 6 ft. of ¼ in. carrying 30 in. dust jacket fitted on 4 ft. of perforation (3 in.) together with necessary belting and driving chains for crusher to screen and elevator. C. F. Stout, Hollidaysburg, engr.

Steam Shovel, etc.—Columbus, O.—Jackson Pike Sand & Gravel Co., 576 North High St., in market for one 20-ton steam shovel, 2 loading machines, 2 crushers, 1 conveyor, and 1 masher. J. F. Baird, genl. mgr.

Road Roller—Iron Mountain, Mich.—H. C. Lindholm, city clk., in market for road roller.

Excavators, etc.—London, Ont.—Ontario Farmers Drainage Co., 110 Dundas St., wants prices on excavators and drainage equipment.

Crushers—Toronto, Ont.—Peerless Artificial Stone, Ltd., Coxwell Ave., in market for crushers with 8 x 12 in. jaws.

Pipe—Point Grey, B. C.—Jan. 12, by Council, 3,500 ft. 4 in., 20,000 ft. 6 in., 6,000 ft. 8 in. and 750 ft. 10 in. steel or wrought iron pipe. $40,000. W. Greig, 5851 West Boulevard, Vancouver, engr.

Coal Loader—Two Harbors, Minn.—Jan. 12, coal loader with gas driven and electric motors. E. Carlson, city clk.

Grader—Houston, Tex.—H. L. Washburn, aud. Harris Co., taking bids for road grader as per specifications of county engineer. $1,500.

Generator—Stillwater, Okla.—Jan. 16, by G. E. Watkins, city clk., new 750 kw. or 937 kva. steam turbine generator unit, with foundations, condenser pumps and power wiring unit. $55,000. J. W. McLendon, Stillwater, engr.

BIDS RECEIVED

Pipe—Baltimore, Md.—Bd. Awards, furnishing and loading rein.-con. pipe, from Core Joint Concrete Pipe Co., Irvington, N. J., $49,450.

CONTRACTS AWARDED

Asphaltic Cement, etc.—New York, N. Y.—J. Miller, pres. Manhattan Boro., Municipal Bldg., 600,000 gal. asphaltic cement, to Warner-Quinlan Co., 79 Wall St., $40,930; 20,000 cu.yd. asphalt sand, to Z. Mahoney, 557 46th St., Brooklyn, $21,800; 20,000 bags Portland cement, to Terminal Supply Co., 350 Madison Ave., $14,160; 30,000 gal. gasoline, to Bang Serv. Sta., Inc., Arden St. and Bway., $3,870. Noted Jan. 1.

Cable and Weatherproof Wire — Milwaukee, Wis.—Central Bd. Purchases., 30,000 ft. No. 10 wire, to J. Andrae & Sons, 362 Bway., $1,073; 10,000 lbs. weatherproof wire, to General Electric Co., 217 Sycamore St., $320; 27,000 ft. paper insulated wire, to Western Electric Co., 460 Milwaukee St., $13,640. Noted Dec. 18.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE

E.N.-R.

OFFICIAL PROPOSALS

Bids: Jan. 27.

Conduit

CONTRACT 219

New York, N. Y.

SEALED BIDS will be received by the Board of Water Supply, at its offices, twenty-second floor, Municipal Building, Park Row, Centre and Chambers streets, New York City, until 11 a.m., Eastern Standard time, on Tuesday, January 27, 1925, for Contract 219, for the construction of Section 1 of the Williamsburg conduit, a portion of the City conduits of the Catskill aqueduct, extending from Shaft 24 of the City tunnel in Fort Greene park along Myrtle, North Portland, Park, Franklin and Wythe avenues and Hooper, South 1st, Maujer and Leonard streets to a point in Leonard street about 115 feet south of Metropolitan avenue, in the Borough of Brooklyn, New York City.

The conduit will consist of about 15,250 linear feet of 72-inch steel pipes, about 250 tons of cast-iron pipes and special castings of various sizes, a Venturi meter, valves and other appurtenances, all of which will have to be maintained for one year.

At the above place and time the bids will be publicly opened and read. Pamphlets containing information for bidders, forms of bid and contract, specifications, contract drawings, etc., can be obtained at the office of the Secretary at the above address, by depositing the sum of ten dollars ($10) in cash or its equivalent for each pamphlet. For further particulars apply to the office of the Chief Engineer at the above address.

GEORGE J. GILLESPIE,
President,
JAMES P. SINNOTT,
PHILIP F. DONOHUE,
Commissioners, Board of Water Supply.
BENJ. F. EINBIGLER,
Secretary.

Bids: Feb. 17.

Bascule Bridges

Tampa, Fla.

Sealed proposals, addressed to the City Commission, Tampa, Florida, for the construction of bridges over Hillsborough River at Cass Street and at Platt Street in the City of Tampa, Florida, will be received by the City Commission, City Hall, Tampa, Florida, until 11:00 a.m., February 17, 1925, and not thereafter, and at that time will be publicly opened and read. Said proposals should be indorsed "Proposal for construction of bridges at Cass Street and at Platt Street."

Plans, specifications, form of proposal, bond and contract for the work are on file in the office of the City Engineer, City Hall, Tampa, Florida, and may be there seen.

Copies of plans and specifications may be obtained from the City Engineer or from The Strauss Bascule Bridge Company, 225 North Michigan Avenue, Chicago, Illinois, upon written application therefor and the deposit of Thirty Dollars ($30.00), Twenty Dollars ($20.00) of which sum will be refunded upon return of the plans and specifications in good condition within forty-five (45) days time following the opening of bids.

Each of the two (2) bridges has a channel span consisting of a double-leaf, underneath counterweight type of Strauss Trunnion Bascule Bridge measuring one hundred twenty-five feet (125' 0") center to center of main trunnions, flanked on each side with reinforced concrete spans and retaining walls, the over-all length of the structures being approximately five hundred fifty feet (550' 0") at Cass Street and approximately seven hundred feet (700' 0") at Platt Street, each structure providing a forty foot (40' 0") roadway and two (2) eight foot (8' 0") sidewalks.

All proposals must be made upon blank forms attached to the specifications. Each bid is to be presented enclosed in sealed envelopes furnished by the City of Tampa for this purpose, indorsed as above provided, and filed with the City Commission, City Hall, Tampa, Florida, and shall be accompanied by a certified check or bid bond made payable to the City of Tampa for an amount equal to ten per cent (10%) of the amount of the total bid, and no bid shall be considered unless such check or bid bond is enclosed therewith. Such certified check or bid bond shall be delivered upon condition that if said bid be accepted, the party bidding will promptly and properly enter into and execute a contract and bond in accordance with the award. Should the successful bidder to whom the contract is awarded fail to execute the same within ten (10) days, not including Sunday or Legal Holidays, from the date of notification of such award, such security shall be forfeited to the City of Tampa as liquidated damages, and the same shall become the property of the City of Tampa. Certified checks or bid bonds of the unsuccessful bidders will be returned to the bidders who submitted them.

A good and sufficient Surety Company's bond, acceptable to the City Commission of the City of Tampa, Florida, will be required for the faithful performance of the construction contract in a sum equal to fifty per cent (50%) of the amount of the contract price.

Contract and bond shall be approved by the City Commission and executed for the City of Tampa by the Mayor Commissioner.

The City of Tampa reserves the right to waive formalities and reject any and all bids.

CITY OF TAMPA
By W. LESLEY BROWN,
City Manager.
By R. D. MARTIN,
City Engineer.

THE STRAUSS BASCULE
BRIDGE COMPANY,
Consulting Engineers

Bids: Jan. 22.

Fire Protection

ROME STATE SCHOOL

Rome, N. Y.

Sealed proposals for Water Supply for Fire Protection, Rome State School for Mental Defectives, Rome, N. Y., will be received by Superintendent of Purchase, Department of Architecture, Room 408, Capitol, Albany, N. Y., until 3 o'clock p.m., on Thursday, January 22nd, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to Six Hundred Dollars (600.00). The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty days after official notice of award of contract and in accordance with the terms of Specification No. 4434. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the Rome State School for Mental Defectives, Rome, N. Y., at the New York Office of the Department of Architecture, 18th Floor, Fuller Building, Broadway and 23rd St.; and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon request.

Dated: December 12, 1924.

OFFICIAL PROPOSALS

Bids: Jan. 21.

Heating Work

STATE HOSPITAL

Buffalo, N. Y.

Sealed proposals for Heating Work, Additional Boiler Capacity, etc., Buffalo State Hospital, Buffalo, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until 3 o'clock p.m., on Wednesday, January 21, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into the contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to Three Thousand Five Hundred Dollars ($3,500). The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specification No. 4390. The right is reserved to reject any or all bids. Drawings and Specifications may be examined at the Buffalo State Hospital, Buffalo, N. Y., at the New York Office of the Department of Architecture, 18th Floor, Fuller Building, Broadway and 23rd Street, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y.

Dated, December 18, 1924.

Bids: Jan. 22.

State Hospital Work

Raybrook, N. Y.

Sealed proposals for Water Supply for Cooling Purposes, Store House and Cold Storage Building, New York State Hospital for the Treatment of Incipient Pulmonary Tuberculosis, Raybrook, N. Y., will be received by Superintendent of Purchase, Room 408, Department of Architecture, Capitol, Albany, N. Y., until 3 o'clock p.m. on Thursday, Jan. 22, 1925, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a deposit as a guarantee that bidder will enter into contract if awarded same. Deposit shall consist of a certified check drawn upon some legally incorporated bank in this State and made payable to the State of New York or money equal to Three Hundred Dollars ($300). The contractor to whom the award is made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract, and in accordance with the terms of Specification No. 4413. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the New York State Hospital for the Treatment of Incipient Pulmonary Tuberculosis, Raybrook, N. Y., at the New York Office of the Department of Architecture, 18th floor, Fuller Building, Broadway and 23rd St., and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, Specifications and blank forms may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon request.

Dated: December 12th, 1924.